

State of Nebraska (State Purchasing Bureau)
INVITATION TO BID FOR COMMODITIES CONTRACT

SOLICITATION NUMBER	RELEASE DATE
124677 OR	March 25, 2026
OPENING DATE AND TIME	PROCUREMENT CONTACT
April 10, 2:00 p.m. Central Time	Jason Lewin

PLEASE READ CAREFULLY
SCOPE

The State of Nebraska (State), Department of Administrative Services (DAS), Materiel Division, State Purchasing Bureau (SPB), is issuing this solicitation for the purpose of selecting a qualified Bidder to provide Radio Renovation Studio Equipment. A more detailed description can be found in Section V. The resulting contract may not be an exclusive contract as the State reserves the right to contract for the same or similar goods from other sources now or in the future.

In the event that a contract with the awarded bidder(s) is cancelled or in the event that the State needs additional Vendors to supply the solicited commodities, this solicitation may be used to procure the solicited goods up to eighteen (18) months from the date the Intent to Award is posted, provided that 1) the solicited goods will be provided by a bidder (or a successive owner) who submitted a response pursuant to this solicitation, 2) the solicitation response was evaluated, and 3) the bidder will honor the bidder's original response, including the proposed cost, allowing for any price increases that would have otherwise been allowed if the bidder would have received the initial award.

ALL INFORMATION PERTINENT TO THIS SOLICITATION CAN BE FOUND ON THE INTERNET AT:
<https://das.nebraska.gov/materiel/bidopps.html>

IMPORTANT NOTICE: Pursuant to Neb. Rev. Stat. § 84-602.04, State contracts in effect as of January 1, 2014, and contracts entered into thereafter must be posted to a public website. The resulting contract, the solicitation and the successful Vendor's solicitation response will be posted to a public website managed by DAS, which can be found at: <https://statecontracts.nebraska.gov> and https://www.nebraska.gov/das/materiel/purchasing/contract_search/index.php.

In addition and in furtherance of the State's public records Statute (Neb. Rev. Stat. § 84-712 et seq.), all responses received regarding this Solicitation will be posted to the State Purchasing Bureau public website.

These postings will include the entire solicitation response. Bidder must request that proprietary information be excluded from the posting. The bidder must identify the proprietary information, mark the proprietary information according to state law, and submit the proprietary information in a separate file named conspicuously as "PROPRIETARY INFORMATION". The bidder should submit a detailed written document showing that the release of the proprietary information would give a business advantage to named business competitor(s) and explain how the named business competitor(s) will gain an actual business advantage by disclosure of information. The mere assertion that information is proprietary or that a speculative business advantage might be gained is not sufficient. (See Attorney General Opinion No. 92068, April 27, 1992). **THE BIDDER MAY NOT ASSERT THAT THE ENTIRE SOLICITATION IS PROPRIETARY. COST SHEETS WILL NOT BE CONSIDERED PROPRIETARY AND ARE A PUBLIC RECORD IN THE STATE OF NEBRASKA.** The State will determine, in its sole discretion, if the disclosure of the information designated by the Bidder as proprietary would 1) give advantage to business competitors and 2) serve no public purpose. The Bidder will be notified of the State's decision. Absent a determination by the State that the information may be withheld pursuant to Neb. Rev. Stat. § 84-712.05, the State will consider all information a public record subject to disclosure.

If the State determines it is required to release withheld proprietary information, the bidder will be informed. It will be the bidder's responsibility to defend the bidder's asserted interest in non-disclosure.

To facilitate such public postings, with the exception of proprietary information, the State of Nebraska reserves a royalty-free, nonexclusive, and irrevocable right to copy, reproduce, publish, post to a website, or otherwise use any contract, or solicitation response for any purpose, and to authorize others to use the documents. Any individual or entity awarded a contract, or who submits a solicitation response, specifically waives any copyright or other protection the contract, or solicitation response may have; and acknowledges that they have the ability and authority to enter into such waiver. This reservation and waiver are a prerequisite for submitting a solicitation response, and award of a contract. Failure to agree to the reservation and waiver will result in the solicitation response being found non-responsive and rejected.

Any entity awarded a contract or submitting a solicitation response agrees not to sue, file a claim, or make a demand of any kind, and will indemnify and hold harmless the State and its employees, volunteers, agents, and its elected and appointed officials from and against any and all claims, liens, demands, damages, liability, actions, causes of action, losses, judgments, costs, and expenses of every nature, including investigation costs and expenses, settlement costs, and attorney fees and expenses, sustained or asserted against the State, arising out of, resulting from, or attributable to the posting of the contract or solicitation response, awards, and other documents.

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GLOSSARY OF TERMS

Acceptance Test Procedure: Benchmarks and other performance criteria, developed by the State or other sources of testing standards, for measuring the effectiveness of products or goods and the means used for testing such performance

Addendum: A written correction or alteration to a document during the solicitation process (e.g., Questions and Answers, Revised Schedule of Events, Addendum to Contract Award).

Agency: All officers of the state, departments, bureaus, boards, commissions, councils, and institutions receiving legislative appropriations

Agent/Representative: A person authorized to act on behalf of another

Amend: To alter or change by adding, subtracting, or substituting

Amendment: A written correction or alteration to a document

Appropriation: Legislative authorization to expend public funds for a specific purpose; money set apart for a specific use

Automated Clearing House (ACH): Electronic network for financial transactions in the United States

Award: All purchases, leases, or contracts which are based on competitive solicitations will be awarded according to the provisions in the solicitation

Best and Final Offer (BAFO): In a competitive solicitation, the final offer submitted which contains Vendor's most favorable terms for price

Bid: See Solicitation Response

Bid Opening: The process of opening correctly submitted solicitation responses at the time and place specified in the written solicitation and in the presence of any bidder who wishes to attend

Bidder: A Vendor who submits a Solicitation Response

Breach: Violation of a contractual obligation by failing to perform or repudiation of one's own promise

Business: Any corporation, partnership, individual, sole proprietorship, joint-stock company, joint venture, or any other private legal entity

Business Day: Any weekday, except State-recognized holidays

Calendar Day: Every day shown on the calendar including Saturdays, Sundays, and State/Federal holidays

Cancellation: To call off or revoke a solicitation, purchase order, or contract without expectation of conducting or performing at a later time

Catalog/Non-Core: A printed or electronic list of products a Vendor may provide at a discounted rate or discount off list price to the State. Initial contract award(s) is not based on Catalog/Non-Core items

Central Processing Unit (CPU): Any computer or computer system that is used by the State to store, process, or retrieve data or perform other functions using Operating Systems and applications software

Change Order: Document that provides amendments to an executed purchase order or contract

Collusion: An agreement or cooperation between two or more persons or entities to accomplish a fraudulent, deceitful, or unlawful purpose

Commodities: Any equipment, material, supply, or goods; anything movable or tangible that is provided or sold

Commodities Description: Detailed descriptions of the items to be purchased; may include information necessary to obtain the desired quality, type, color, size, shape, or special characteristics necessary to perform the work intended to produce the desired results

Competition: The effort or action of two or more commercial interests to obtain the same business from third parties

Confidential Information: See Proprietary Information

Contract: An agreement between two or more parties creating obligations that are enforceable or otherwise recognizable at law; the writing that sets forth such an agreement

Contract Administration: The management of the contract which includes and is not limited to contract signing, contract amendments and any necessary legal actions

Contract Award: Document that officially awards a contract to a bidder(s) as the result of a competitive solicitation or a vendor(s) in a contract that qualifies for an exception or exemption from the competitive bidding requirements of the State Procurement Act

Contract Management: The management of day-to-day activities at the agency which includes but is not limited to ensuring deliverables are received, specifications are met, handling meetings and making payments to the Vendor

Contract Period: The duration of the contract

Contractor: See Vendor

Cooperative Purchasing: The combining of requirements of two or more political entities to obtain advantages of volume purchases, reduction in administrative expenses or other public benefits

Copyright: A property right in an original work of authorship fixed in any tangible medium of expression, giving the holder the exclusive right to reproduce, adapt and distribute the work

Cost Sheet: A required document that is completed by the vendor in the prescribed format to show the vendor's pricing to provide the commodities or perform the services requested.

Critical Program Error: Any Program Error, whether or not known to the State, which prohibits or significantly impairs use of the Licensed Software as set forth in the documentation and intended in the contract

Customer Service: The process of ensuring customer satisfaction by providing assistance and advice on those commodities or services provided by a Vendor

Default: The omission or failure to perform a contractual duty

Deviation: Any proposed change(s) or alteration(s) to either the terms and conditions or deliverables within the scope of the written solicitation or contract

Evaluation: The process of examining a solicitation response after opening to determine the bidder's responsibility, responsiveness to requirements, and to ascertain other characteristics of the solicitation response that relate to determination of the successful award

Evaluation Committee: Individual(s) identified by the agency that leads the solicitation to evaluate solicitation responses

Extension: Continuance of a contract for a specified duration upon the agreement of the parties beyond the original Contract Period; not to be confused with "Renewal Period"

Free on Board (F.O.B.) Destination: The delivery charges are included in the quoted price and prepaid by the Vendor. Vendor is responsible for all claims associated with damages during delivery of product.

Free on Board (F.O.B.) Point of Origin: The delivery charges are not included in the quoted price and are the responsibility of the agency. Agency is responsible for all claims associated with damages during delivery of product

Foreign Corporation: A foreign corporation that was organized and chartered under the laws of another state, government, or country

Goods: See Commodities

Installation Date: The date when the procedures described in "Installation by Vendor" and "Installation by State" as found in the solicitation or contract are completed

Interested Party: A person acting in their personal capacity or an entity entering into a contract or other agreement creating a legal interest therein

Invitation to Bid (ITB): See Solicitation

Late Solicitation Response: A solicitation response received after the Opening Date and Time

Licensed Software Documentation: The user manuals and any other materials in any form or medium customarily provided by the Vendor to the users of the Licensed Software which will provide the State with sufficient information to operate, diagnose, and maintain the Licensed Software properly, safely, and efficiently

Mandatory: Required, compulsory, or obligatory

May: Discretionary, permitted; used to express possibility

Module (see System): A collection of routines and data structures that perform a specific function of software

Must: See Shall

National Institute for Governmental Purchasing (NIGP): National Institute of Governmental Purchasing – Source used for assignment of universal commodity codes to goods and services

Non-core: See Catalog

Non-Responsive Solicitation Response: Any bid that does not comply with the requirements of the solicitation or cannot be evaluated against the other bids

Nonnegotiable: These clauses are controlled by state law and are not subject to negotiation

Opening Date and Time: Specified date and time for the opening of received, labeled, and sealed formal solicitation responses

Operating System: The control program in a computer that provides the interface to the computer hardware and peripheral devices, and the usage and allocation of memory resources, processor resources, input/output resources, and security resources

Outsourcing: The contracting out of a business process that an organization may have previously performed internally or for which an organization has a new need to an independent organization from which the process is purchased back

Payroll & Financial Center (PFC): Electronic procurement system of record

Performance Bond: An insurance agreement accompanied by a monetary commitment by which a third party (the surety) accepts liability and guarantees that the Vendor fulfills any and all obligations under the contract

Personal Property: See Commodities

Platform: A specific hardware and Operating System combination that is different from other hardware and Operating System combinations to the extent that a different version of the Licensed Software product is required to execute properly in the environment established by such hardware and Operating System combination

Point of Contact (POC): The person designated to receive communications and to communicate

Product: Something that is distributed commercially for use or consumption and that is usually (1) tangible personal property, (2) the result of fabrication or processing, and (3) an item that has passed through a chain of commercial distribution before ultimate use or consumption

Program Error: Code in Licensed Software that produces unintended results or actions or that produces results or actions other than those described in the specifications. A program error includes, without limitation, any Critical Program Error.

Program Set: The group of programs and products, including the Licensed Software specified in the solicitation, plus any additional programs and products licensed by the State under the contract for use by the State

Project: The total scheme, program, or method worked out for the accomplishment of an objective, including all documentation, commodities, and services to be provided under the contract

Proposal: See Solicitation Response

Proprietary Information: Trade secrets, academic and scientific research work that is in progress and unpublished or other information that if released would give advantage to business competitors and serve no public purpose. See Neb. Rev. Stat. § 84-712.05(3). In accordance with Attorney General Opinions 92068 and 97033, proof that information is proprietary requires identification of specific named competitor(s) advantaged by release of the information and the demonstrated advantage the named competitor(s) would gain by the release of information.

Protest/Grievance: A complaint about a governmental action or decision related to the solicitation or resultant contract under SPB's Protest Policy.

Quote: See Solicitation Response

Recommended Hardware Configuration: The data processing hardware (including all terminals, auxiliary storage, communication, and other peripheral devices) to the extent used by the State as recommended by the Vendor

Release Date: The date of public release of the solicitation

Renewal Period: Optional contract periods subsequent to the original Contract Period for a specified duration with previously agreed to terms and conditions; not to be confused with “Extension”

Responsible Bidder: A Vendor who has the capability in all respects to perform fully and lawfully all requirements with integrity and reliability to assure good faith performance

Responsive Bidder: A Vendor who has submitted a solicitation response which conforms to all requirements of the solicitation

Shall: An order/command; mandatory

Should: Expected; suggested, but not necessarily mandatory

Software License: Legal instrument with or without printed material that governs the use or redistribution of licensed software

Solicitation: A formal invitation to receive quotes in the form of a Request for Proposal or Invitation to Bid

Solicitation Bond: An insurance agreement, accompanied by a monetary commitment, by which a third party (the surety) accepts liability and guarantees that the Vendor will not withdraw the solicitation response

Solicitation Conference: A meeting scheduled for the purpose of clarifying a written solicitation and related expectations

Solicitation Response: An offer, quote, bid, or proposal submitted by a Vendor in response to a Solicitation

Specifications: The detailed statement, especially of the measurements, quality, materials, and functional characteristics, or other items to be provided under a contract

Subcontractor: Individual or entity with whom the Vendor enters a contract to perform a portion of the work awarded to the Vendor

System (see Module): Any collection or aggregation of two (2) or more Modules that is designed to function, or is represented by the Vendor as functioning or being capable of functioning, as an entity

Termination: Occurs when either Party, under a power created by agreement or law, puts an end to the contract prior to the stated expiration date; all obligations that are still executory on both sides are discharged but any right based on prior breach or performance survives

Third-Party: Any person or entity, including but not limited to fiduciaries, shareholders, owners, officers, managers, employees, legally disinterested persons, and subcontractors or agents, and their employees. It shall not include any entity or person who is an interested party to the contract or agreement

Trade Secret: Information, including but not limited to, a drawing, formula, pattern, compilation, program, device, method, technique, code, or process that (a) derives independent economic value, actual or potential, from not being known to, and not being ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use; and (b) is the subject of efforts that are reasonable under the circumstances to maintain its secrecy (see Neb. Rev. Stat. § 87-502(4))

Trademark: A word, phrase, logo, or other graphic symbol used by a manufacturer or Vendor to distinguish its product from those of others, registered with the U.S. Patent and Trademark Office

Upgrade: Any change that improves or alters the basic function of a product of service

Vendor: An individual or entity lawfully conducting business with the State, or licensed to do so, who seeks to provide and contract for goods or services under the terms of a Solicitation and/or Contract.

Vendor Performance Report: A report completed by the using agency and submitted to State Purchasing Bureau documenting products or services delivered or performed which exceed or fail to meet the terms of the purchase order, contract, and/or solicitation specifications

Will: See Shall

Work Day: See Business Day

ACRONYM LIST

ACH – Automated Clearing House

ARO – After Receipt of Order

BAFO – Best and Final Offer

BOM – Bill of Materials

COI – Certificate of Insurance

CPU – Central Processing Unit

DAS – Department of Administrative Services

F.O.B. – Free on Board

ICT – Information and Communication Technology

ITB – Invitation to Bid

NETC- Nebraska Educational Telecommunications Commission

NIGP – National Institute for Governmental Purchasing

PA – Participating Addendum

RFP – Request for Proposal

SPB – State Purchasing Bureau

I. PROCUREMENT PROCEDURE

A. GENERAL INFORMATION

This solicitation is designed to solicit responses from qualified bidders who will be responsible for providing Radio Renovation Studio Equipment BOM at a competitive and reasonable cost.

Solicitation responses shall conform to all instructions, conditions, and requirements included in the solicitation. Prospective bidders are expected to carefully examine all documents, schedules, and requirements in this solicitation, and respond to each requirement in the format prescribed. Solicitation responses may be found non-responsive if they do not conform to the solicitation.

B. PROCURING OFFICE AND COMMUNICATION WITH STATE STAFF AND EVALUATORS

Procurement responsibilities related to this solicitation reside with the State Purchasing Bureau. The point of contact (POC) for the procurement is as follows:

ITB Number: 124677 OR
Name: Jason Lewin, Procurement Specialist
Agency: State Purchasing Bureau
Address: 1526 K Street, Suite 130
Lincoln, NE 68508
Telephone: 402-471-6500
E-Mail: as.materielpurchasing@nebraska.gov

From the date the solicitation is issued until the Intent to Award is issued, communication from the bidder is limited to the POC listed above. After the Intent to Award is issued, the Vendor may communicate with individuals the State has designated as responsible for negotiating the contract on behalf of the State. No member of the State Government, employee of the State, or member of the Evaluation Committee is empowered to make binding statements regarding this solicitation. The POC will issue any answers, clarifications, or amendments regarding this solicitation in writing. Only the SPB or awarding agency can award a contract. Bidders shall not have any communication with, or attempt to communicate or influence any evaluator involved in this solicitation.

The following exceptions to these restrictions are permitted:

1. Contact made pursuant to pre-existing contracts or obligations;
2. Contact required by the schedule of events or an event scheduled later by POC; and
3. Contact required for negotiation and execution of the final contract.

The State reserves the right to reject a Vendor's solicitation response, withdraw an Intent to Award, or terminate a contract if the State determines there has been a violation of these procurement procedures.

C. SCHEDULE OF EVENTS

The State expects to adhere to the procurement schedule shown below, but all dates are approximate and subject to change.

NOTE: All ShareFile links in the Schedule of Events below, are unique links for each schedule step. Please click the correct link for the upload step you are requesting.

ACTIVITY		DATE/TIME
1.	Release solicitation	March 25, 2026
2.	Last day to submit written questions ShareFile link for uploading questions: https://nebraskastategov.sharefile.com/r-rc195d492c460431587c118c0f1bbffa3	March 31, 2026
3.	State responds to written questions through a solicitation "Addendum" to be posted to the Internet at: https://das.nebraska.gov/materiel/bidopps.html	April 3, 2026
4.	<p>Bid Opening – Online via Webex Meeting</p> <p>IT IS THE BIDDER'S RESPONSIBILITY TO UPLOAD ELECTRONIC FILES BY THE OPENING DATE AND TIME. EXCEPTIONS WILL NOT BE MADE FOR TECHNOLOGY ISSUES.</p> <p>ShareFile Electronic Solicitation Response submissions Link: https://nebraskastategov.sharefile.com/r-rc556bf393d564aea9c185126c7851ca5</p> <p>Join Webex Meeting</p> <p>Join link: https://sonvideo.webex.com/sonvideo/j.php?MTID=mce1401af9f53b2d928e5593dfe9ccae2</p> <p>Webinar number: 2494 028 2988</p> <p>Webinar password: kUW7v4gP2DW (58978447 when dialing from a phone or video system)</p> <p>Panelist password: 6WrweUpXt72 (69793879 when dialing from a phone or video system)</p> <p>Host key: 869842</p> <p>Join by video system</p> <p>Dial 24940282988@sonvideo.webex.com You can also dial 173.243.2.68 and enter your webinar number.</p> <p>Join by phone +1-408-418-9388 United States Toll Access code: 2494 028 2988 Global call-in numbers</p>	April 10, 2026 2:00 PM Central Time
5.	Review for conformance with solicitation requirements	April 10-14, 2026
6.	Evaluation period	April 10-14, 2026
7.	Post "Intent to Award" to the Internet at: http://das.nebraska.gov/materiel/purchasing.html	April 14, 2026
8.	Contract finalization period	April 30, 2026
9.	Contract award	April 30, 2026
10.	Contract start date	April 30, 2026

D. WRITTEN QUESTIONS AND ANSWERS

Questions regarding the meaning or interpretation of any solicitation provision must be submitted in writing to SPB and clearly marked "Solicitation Number 124677 OR; Questions". POC is not obligated to respond to questions that are received late per the Schedule of Events.

Bidders should submit questions for any items upon which assumptions may be made when preparing a response to the solicitation. Any solicitation response containing assumptions may be deemed non-responsive and may be rejected by the State. Solicitation responses will be evaluated without consideration of any known or unknown assumptions of a bidder. The contract will not incorporate any known or unknown assumptions of a bidder.

Questions should be uploaded using the ShareFile link provided in the Schedule of Events, Section I.C. It is recommended that Vendors submit questions using the following format.

Solicitation Reference	Section	Solicitation Page Number	Question

Written answers will be posted at <https://das.nebraska.gov/materiel/bidopps.html> per the Schedule of Events.

E. SECRETARY OF STATE/TAX COMMISSIONER REGISTRATION REQUIREMENTS (Nonnegotiable)

All Bidders must be authorized to transact business in the State of Nebraska and comply with all Nebraska Secretary of State Registration requirements. The Bidder who is the recipient of an Intent to Award may be required to certify that it has complied and produce a true and exact copy of its current (within ninety (90) calendar days of the intent to award) Certificate or Letter of Good Standing, or in the case of a sole proprietorship, provide written documentation of sole proprietorship and the United States Citizenship Attestation Form, available on the DAS website at: <https://das.nebraska.gov/materiel/docs/pdf/Individual%20or%20Sole%20Proprietor%20United%20States%20Attestation%20Form%20English%20and%20Spanish.pdf>. This should be accomplished prior to execution of the contract.

F. ETHICS IN PUBLIC CONTRACTING

The State reserves the right to reject solicitation responses, withdraw an intent to award or award, or terminate a contract if an ethical violation has been committed, which includes, but is not limited to:

1. Offering or giving, directly or indirectly, a bribe, fee, commission, compensation, gift, gratuity, or anything of value to any person or entity in an attempt to influence the bidding process;
2. Utilizing the services of lobbyists, attorneys, political activists, or consultants to influence or subvert the bidding process;
3. Being considered for, presently being, or becoming debarred, suspended, ineligible, or excluded from contracting with any state or federal entity;
4. Submitting a solicitation response on behalf of another Party or entity; and
5. Colluding with any person or entity to influence the bidding process, submit sham proposals, preclude bidding, fix pricing or costs, create an unfair advantage, subvert the solicitation response, or prejudice the State.

The bidder shall include this clause in any subcontract entered into for the exclusive purpose of performing this contract.

Bidder shall have an affirmative duty to report any violations of this clause by the bidder throughout the bidding process and throughout the term of this contract for the awarded bidder and their subcontractors.

G. DEVIATIONS FROM THE SOLICITATION

The requirements contained in the solicitation (Sections II through V) become a part of the terms and conditions of the contract resulting from this solicitation. Any deviations from the solicitation in Sections II through V must be clearly defined by the bidder in its solicitation response and, if accepted by the State, will become part of the contract. Any specifically defined deviations must not be in conflict with the basic nature of the solicitation, solicitation requirements, or applicable state or federal laws or statutes. "Deviation", for the purposes of this solicitation, means any proposed changes or alterations to either the contractual language or deliverables within the scope of this solicitation. The State discourages deviations and reserves the right to reject proposed deviations.

H. SUBMISSION OF SOLICITATION RESPONSES

The State is only accepting electronic responses submitted in accordance with this solicitation. The State will not accept bids by mail, email, voice, or telephone, unless otherwise explicitly stated in writing by the State.

Pages may be consecutively numbered for the entire solicitation response or may be numbered consecutively within sections. Figures and tables should be numbered and referenced in the text by that number. They should be placed as close as possible to the referencing text.

It is the bidder's responsibility to ensure the solicitation response is received electronically by the date and time indicated in the Schedule of Events. Solicitation Responses must be submitted via ShareFile by the date and time of the opening per the Schedule of Events. No late solicitation responses will be accepted.

It is the responsibility of the bidder to check the website for all information relevant to this solicitation to include addenda and/or amendments issued prior to the opening date. The website can be found here: <https://das.nebraska.gov/materiel/bidopps.html>.

Emphasis should be concentrated on conformance to the solicitation instructions, responsiveness to requirements, completeness, and clarity of content. If the solicitation response is presented in such a fashion that makes evaluation difficult or overly time consuming the State reserves the right to reject the solicitation response as non-conforming.

The ShareFile link for uploading Solicitation Response(s) is provided in the Schedule of Events, Section I.C.

*****UNLESS OTHERWISE NOTED, DO NOT SUBMIT DOCUMENTS THAT CAN ONLY BE ACCESSED WITH A PASSWORD*****

1. Bidders must submit responses via ShareFile using the solicitation submission link.

Note: Not all browsers are compatible with ShareFile. Currently Google Chrome, Internet Explorer, Microsoft Edge, Safari, and Firefox are compatible. After the bidder clicks the solicitation submission link, the bidder will be prompted to enter contact information including an e-mail address. By entering an e-mail address, the bidder should receive a confirmation email confirming the successful upload directly from ShareFile.

ShareFile link for uploading solicitation response(s) provided in the Schedule of Events, Section I.C.

- a. The Solicitation response and Proprietary information should be uploaded as separate and distinct files.
 - i. If duplicated responses are submitted, the State will retain only the most recently submitted response.
 - ii. If it is the bidder's intent to submit multiple responses, the bidder must clearly identify the separate submissions.
 - iii. It is the bidder's responsibility to allow time for electronic uploading. All file uploads must be completed by the Opening date and time per the Schedule of Events. No late responses will be accepted.

- b. **ELECTRONIC SOLICITATION RESPONSE FILE NAMES**

The bidder should clearly identify the uploaded solicitation response files. To assist in identification the bidder should use the following naming convention:

 - i. 124677 OR, Company Name
If multiple files are submitted for one solicitation response, add number of files to file names:
124677 OR Company Name File 1 of 2.
124677 OR Company Name File 2 of 2.
 - ii. If multiple responses are submitted for the same solicitation, add the response number to the file names:
124677 OR Company Name Response 1 File 1 of 2.

The "Contractual Agreement Form" must be signed manually in ink or by DocuSign and returned by the opening date and time along with the bidder's solicitation response and any other requirements as stated in this solicitation in order for the bidder's solicitation response to be evaluated.

By signing this Contractual Agreement Form, the bidder guarantees compliance with the provisions stated in this solicitation and agrees to the terms and conditions unless otherwise indicated in writing.

I. SOLICITATION PREPARATION COSTS

The State shall not incur any liability for any costs incurred by bidders in replying to this solicitation, including any activity related to bidding on this solicitation.

J. FAILURE TO COMPLY WITH SOLICITATION

Violation of the terms and conditions contained in this solicitation or any resultant contract, at any time before or after the award, shall be grounds for action by the State which may include, but is not limited to, the following:

- 1. Rejection of a bidder's solicitation response,
- 2. Withdrawal of the Intent to Award,
- 3. Withdrawal of the Award,
- 4. Negative documentation regarding Vendor Performance,

5. Termination of the resulting contract,
6. Legal action; and
7. Suspension or Debarment of the bidder from further bidding with the State for the period of time relative to the seriousness of the violation. Such period to be within the sole discretion of the State.

K. SOLICITATION RESPONSE CORRECTIONS

A bidder may correct a mistake in an electronically submitted solicitation response prior to the time of opening by uploading a revised and completed solicitation response.

1. If a corrected electronic solicitation response is submitted, the file name(s) date/time stamped with latest date/time stamp will be accepted. The corrected solicitation response file name(s) should be identified as:
 - a. Corrected 124677 OR Company Name Response #1 File 1 of 2,
 - b. Corrected 124677 OR Company Name Response #2 File 2 of 2, etc.

Changing a solicitation response after opening may be permitted if the change is made to correct a minor error that does not affect price, quantity, quality, delivery, or contractual conditions. In case of a mathematical error in extension of price, unit price shall govern.

L. LATE SOLICITATION RESPONSES

Solicitation Responses received after the time and date of the opening will be considered late responses. Late responses will be considered non-responsive. The State is not responsible for responses that are late or lost regardless of cause or fault.

M. BID OPENING

The opening will consist of opening solicitation responses and announcing the names of bidders. Responses WILL NOT be available for viewing by those present at the opening. Responses will be posted to the State Purchasing Bureau website once an Intent to Award has been posted to the website. Once responses are opened, they become the property of the State of Nebraska and will not be returned.

N. SOLICITATION REQUIREMENTS

The bids will first be examined to determine if all requirements listed below have been addressed and whether further evaluation is warranted. Bids not meeting the requirements may be rejected as non-responsive. The requirements are as follows:

- a. Original Contractual Agreement Form signed manually in ink or by DocuSign;
- b. Clarity and responsiveness;
- c. Completed Sections II through V;
- d. Completed Cost Sheet.

O. EVALUATION COMMITTEE

Solicitation Responses are evaluated by members of an Evaluation Committee(s). The Evaluation Committee(s) will consist of individuals selected at the discretion of the State. Names of the members of the Evaluation Committee(s) will not be published prior to the intent to award.

Any contact, attempted contact, or attempt to influence an evaluator that is involved with this Solicitation may result in the rejection of this response and further administrative actions.

P. EVALUATION OF SOLICITATION RESPONSES

All solicitation responses that are deemed responsive to the solicitation will be evaluated based on the following:

Neb. Rev. Stat. § 73-808 allows the State to consider a variety of factors, including, but not limited to, the quality of performance of previous contracts to be considered when evaluating responses to competitive solicitations in determining a responsible bidder. Information obtained from any Contract Compliance Request or any Contract Non-Compliance Notice (See Terms & Conditions, Section II.H) may be used in evaluating responses to solicitations for goods and services to determine the best value for the State.

Neb. Rev. Stat. § 73-107 allows for a preference for a resident disabled veteran or business located in a designated enterprise zone. When a state contract is to be awarded to the lowest responsible Vendor, a resident disabled veteran or a business located in a designated enterprise zone under the Enterprise Zone Act shall be allowed a preference over any other resident or nonresident Vendor, if all other factors are equal.

Resident disabled veterans means any person (a) who resides in the State of Nebraska, who served in the United States Armed Forces, including any reserve component or the National Guard, who was discharged or otherwise separated with a characterization of honorable or general (under honorable conditions), and who possesses a disability rating letter issued by the United States Department of Veterans Affairs establishing a service-connected disability or a disability determination from the United States Department of Defense and (b)(i) who owns and controls a business or, in the case of a publicly owned business, more than fifty percent of the stock is owned by one or more persons described in subdivision (a) of this subsection and (ii) the management and daily business operations of the business are controlled by one or more persons described in subdivision(a) of this subsection. Any contract entered into without compliance with this section shall be null and void.

Therefore, if a resident disabled veteran or business located in a designated enterprise zone submits a solicitation response in accordance with Neb. Rev. Stat. § 73-107 and has so indicated on the "Contractual Agreement Form" under "Vendor must complete the following" requesting priority/preference to be considered in the award of this contract, the following will need to be submitted by the Vendor within ten (10) business days of request:

1. Documentation from the United States Armed Forces confirming service,
2. Documentation of discharge or otherwise separated characterization of honorable or general (under honorable conditions),
3. Disability rating letter issued by the United States Department of Veterans Affairs establishing a service-connected disability or a disability determination from the United States Department of Defense; and
4. Documentation which shows ownership and control of a business or, in the case of a publicly owned business, more than fifty percent of the stock is owned by one or more persons described in subdivision (a) of this subsection; and the management and daily business operations of the business are controlled by one or more persons described in subdivision (a) of this subsection.

Failure to submit the requested documentation within ten (10) business days of notice will disqualify the Vendor from consideration of the preference.

Q. BEST AND FINAL OFFER

Each bidder should provide its best offer with their original solicitation response and should not expect the State to request a best and final offer (BAFO).

The State reserves the right to conduct more than one. If requested by the State, the BAFO must be submitted on the BAFO Cost Sheet and in accordance with the State's instructions. Failure to submit a BAFO or failure to submit a BAFO in accordance with the State's instructions may result in rejection of the bidder's entire solicitation response. BAFOs may be scored and ranked by the Evaluation Committee.

R. REFERENCE AND CREDIT CHECKS

The State reserves the right to conduct and consider reference and credit checks. The State reserves the right to use third parties to conduct reference and credit checks. By submitting a response to this solicitation, the bidder grants to the State the right to contact or arrange a visit in person with any or all of the bidder's clients. Reference and credit checks may be grounds to reject a solicitation response, withdraw an intent to award, or rescind the award of a contract.

S. AWARD

The State reserves the right to evaluate solicitation responses and award contracts in a manner using criteria selected at the State's discretion and in the State's best interest. After evaluation of the bids, or at any point in the solicitation process, the State of Nebraska may take one or more of the following actions:

1. Amend the solicitation;
2. Extend the date and time of an opening;
3. Waive deviations or errors in the State's solicitation process and in bidder responses that are not material, do not compromise the solicitation process or a bidder's response, and do not improve a Vendor's competitive position;
4. Accept or reject a portion of or all of a solicitation response;
5. Accept or reject all responses;
6. Withdraw the solicitation;
7. Elect to re-release the solicitation;
8. Award single lines or multiple lines to one or more Vendors; or,
9. Award one or more all-inclusive contracts.

The State of Nebraska may consider, but is not limited to considering, one or more of the following award criteria:

1. Price;
2. Location;
3. Quality;
4. Delivery time;
5. Vendor qualifications and capabilities;
6. State contract management requirements and/or costs; and

The solicitation does not commit the State to award a contract. Once intent to award decision has been determined, it will be posted to the internet at: <https://das.nebraska.gov/materiel/bidopps.html>

Any protests must be filed by a bidder within ten (10) business days after the intent to award decision is posted to the internet. Grievance and protest procedure is available on the internet at: https://das.nebraska.gov/materiel/docs/NE_DAS_Materiel_Purchasing_Agency-SPB_Policy_23_07_Protest_Policy.pdf

T. LUMP SUM OR “ALL OR NONE” SOLICITATION RESPONSES

The State reserves the right to purchase item-by-item, by groups or as a total when the State may benefit by so doing. Bidders may submit a response on an “all or none” or “lump sum” basis but should also submit a response on an item-by-item basis. The term “all or none” means a conditional response which requires the purchase of all items on which responses are offered and bidder declines to accept award on individual items; a “lump sum” response is one in which the bidder offers a lower price than the sum of the individual responses if all items are purchased but agrees to deliver individual items at the prices quoted.

“LUMP SUM” OR “ALL OR NONE” RESPONSES SHOULD BE CLEARLY IDENTIFIED ON THE FIRST PAGE OF THE SOLICITATION AND COST SHEET (IF APPLICABLE)

U. REJECTION OF SOLICITATION RESPONSES

The State reserves the right to reject any or all responses, wholly or in part, in the best interest of the State.

V. PRICES & COST CLARIFICATION

Discount and Price provisions are discussed in Sections III.F. and III.G. The State reserves the right to review all aspects of cost for reasonableness and realism as those terms are defined in (Neb. Rev. Stat. § 73-810 (1) (a) and (b) The State may request clarification of any solicitation where the cost component indicates a significant and unsupported deviation from industry standards or in areas where detailed pricing is required. Under Neb. Rev. Stat. § 73-810 (2), the State may reject a bid if the price is not reasonable or realistic.

W. SPECIFICATIONS

Any manufacturer’s names, trade names, brand names, information and/or catalog numbers listed in a specification are for reference and not intended to limit competition but will be used as the standard by which equivalent material offered will be judged. The Materiel Administrator or his or her designee will be the sole judge of equivalency. The Vendor may offer any brands which meets or exceeds the specification. When a specific product is required, the solicitation will so state. Any item within the solicitation response is to be the latest current model under standard production at the time of order. No used or refurbished equipment will be accepted, unless otherwise stated.

X. ALTERNATE/EQUIVALENT SOLICITATION RESPONSES

Vendor may offer solicitation responses which are at variance from the express specifications of the solicitation. The State reserves the right to consider and accept such responses if, in the judgment of SPB, the response will result in goods and/or services equivalent to or better than those which would be supplied in the original solicitation specifications. Vendor must indicate on the solicitation the manufacturer’s name, number and shall submit with their response, sketches, descriptive literature and/or complete specifications. Reference to literature submitted with a previous response will not satisfy this provision. Responses which do not comply with these requirements are subject to rejection. In the absence of any stated deviation or exception, the response will be accepted as in strict compliance with all terms, conditions and specification, and the Vendor shall be held liable therefore.

Y. SOLICITATION TABULATIONS

Solicitation tabulations are available on the website at: <https://das.nebraska.gov/materiel/bidopps.html>.

II. TERMS AND CONDITIONS

Bidder should read the Terms and Conditions within this section and must initial either “Accept All Terms and Conditions Within Section as Written” or “Exceptions Taken to Terms and Conditions Within Section as Written” in the table below. If exception is not taken to a provision, it is deemed accepted as stated. If the bidder takes any exceptions, they must provide the following within the “Exceptions” field of the table below (Bidder may provide responses in separate attachment if multiple exceptions are taken):

1. The specific clause, including section reference, to which an exception has been taken;
2. An explanation of why the bidder took exception to the clause; and
3. Provide alternative language to the specific clause within the solicitation response.

By signing the solicitation, bidder agrees to be legally bound by all the accepted terms and conditions, and any proposed alternative terms and conditions submitted with the solicitation response. The State reserves the right to negotiate rejected or proposed alternative language. If the State and bidder fail to agree on the final Terms and Conditions, the State reserves the right to reject the solicitation response. The State reserves the right to reject solicitation responses that attempt to substitute the bidder’s commercial contracts and/or documents for this solicitation.

Accept All Terms and Conditions Within Section as Written (Initial)	Exceptions Taken to Terms and Conditions Within Section as Written (Initial)	Exceptions: (Bidder must note the specific clause, including section reference, to which an exception has been taken, an explanation of why the bidder took exception to the clause, and provide alternative language to the specific clause within the solicitation response.)
MS		

The bidders should submit with their solicitation response any license, user agreement, service level agreement, or similar documents that the bidder wants incorporated in the Contract. Upon notice of Intent to Award, the Vendor must submit a copy of these documents in an editable Word format. The State will not consider incorporation of any document not submitted with the solicitation response. These documents shall be subject to negotiation and will be incorporated as addendums if agreed to by the Parties.

If a conflict or ambiguity arises after the Addendum to Contract Award has been negotiated and agreed to, the Addendum to Contract Award shall be interpreted as follows:

1. If only one (1) Party has a particular clause, then that clause shall control;
2. If both Parties have a similar clause, but the clauses do not conflict, the clauses shall be read together;
3. If both Parties have a similar clause, but the clauses conflict, the State’s clause shall control.

A. GENERAL

1. The contract resulting from this solicitation shall incorporate the following documents:
 - a. Solicitation including any attachments and addenda;
 - b. Questions and Answers;
 - c. Bidder’s properly submitted solicitation response, including any terms and conditions or agreements submitted by the bidder;
 - d. Addendum to Contract Award (if applicable); and
 - e. Amendments to the Contract. (if applicable)

These documents constitute the entirety of the contract.

Unless otherwise specifically stated in a future contract amendment, in case of any conflict between the incorporated documents, the documents shall govern in the following order of preference with number one (1) receiving preference over all other documents and with each lower numbered document having preference over any higher numbered document: 1) Amendment to the executed Contract with the most recent dated amendment having the highest priority, 2) Executed Contract and any attached Addenda 3) Addendums to the solicitation and any Questions and Answers,

4) the original solicitation document and any Addenda or attachments, and 5) the Vendor's submitted solicitation response, including any terms and conditions or agreements that are accepted by the State.

Unless otherwise specifically agreed to in writing by the State, the State's standard terms and conditions, as executed by the State, shall always control over any terms and conditions or agreements submitted or included by the Vendor.

Any ambiguity or conflict in the contract discovered after its execution, not otherwise addressed herein, shall be resolved in accordance with the rules of contract interpretation as established in the State of Nebraska.

B. NOTIFICATION

Bidder and State shall identify the contract manager who shall serve as the point of contact for the executed contract.

Communications regarding the executed contract shall be in writing and shall be deemed to have been given if delivered personally; electronically, return receipt requested; or mailed, return receipt requested. All notices, requests, or communications shall be deemed effective upon receipt.

Either party may change its address for notification purposes by giving notice of the change and setting forth the new address and an effective date.

C. BUYER'S REPRESENTATIVE

The State reserves the right to appoint a Buyer's Representative to manage or assist the Buyer in managing the contract on behalf of the State. The Buyer's Representative will be appointed in writing, and the appointment document will specify the extent of the Buyer's Representative authority and responsibilities. If a Buyer's Representative is appointed, the bidder will be provided a copy of the appointment document and is expected to cooperate accordingly with the Buyer's Representative. The Buyer's Representative has no authority to bind the State to a contract, amendment, addendum, or other change or addition to the contract.

D. GOVERNING LAW (Nonnegotiable)

Notwithstanding any other provision of this contract, or any amendment or addendum(s) entered into contemporaneously or at a later time, the parties understand and agree that, (1) the State of Nebraska is a sovereign state and its authority to contract is therefore subject to limitation by the State's Constitution, statutes, common law, and regulation; (2) this contract will be interpreted and enforced under the laws of the State of Nebraska; (3) any action to enforce the provisions of this contract must be brought in the State of Nebraska per state law; (4) the person signing this contract on behalf of the State of Nebraska does not have the authority to waive the State's sovereign immunity, statutes, common law, or regulations; (5) the indemnity, limitation of liability, remedy, and other similar provisions of the final contract, if any, are entered into subject to the State's Constitution, statutes, common law, regulations, and sovereign immunity; and, (6) all terms and conditions of the final contract, including but not limited to the clauses concerning third-party use, licenses, warranties, limitations of liability, governing law and venue, usage verification, indemnity, liability, remedy or other similar provisions of the final contract are entered into specifically subject to the State's Constitution, statutes, common law, regulations, and sovereign immunity.

The Parties must comply with all applicable local, state, and federal laws, ordinances, rules, orders, and regulations.

E. AMENDMENT

This Contract may be amended in writing, within scope, upon the agreement of both parties.

F. CHANGE ORDERS OR SUBSTITUTIONS

The State and the Vendor, upon the written agreement, may make changes to the contract within the general scope of the solicitation. Changes may involve specifications, the quantity of work, or such other items as the State may find necessary or desirable. Corrections of any deliverable, service, or work required pursuant to the contract shall not be deemed a change. The Vendor may not claim forfeiture of the contract by reasons of such changes.

The Vendor shall prepare a written description of the work required due to the change and an itemized cost sheet for the change. Changes in work and the amount of compensation to be paid to the Vendor shall be determined in accordance with applicable unit prices if any, a pro-rated value, or through negotiations. The State shall not incur a price increase for changes that should have been included in the Vendor's solicitation response, were foreseeable, or result from difficulties with or failure of the Vendor's solicitation response or performance.

No change shall be implemented by the Vendor until approved by the State, and the Contract is amended to reflect the change and associated costs, if any. If there is a dispute regarding the cost, but both parties agree that immediate implementation is necessary, the change may be implemented, and cost negotiations may continue with both Parties retaining all remedies under the contract and law.

In the event any good or service is discontinued or replaced upon mutual consent during the contract period or prior to delivery, the State reserves the right to amend the contract or purchase order to include the alternate product at the same price.

*****Vendor will not substitute any item that has been awarded without prior written approval of SPB*****

G. RECORD OF VENDOR PERFORMANCE

The State may document the vendor's performance, which may include, but is not limited to, the customer service provided by the vendor, the ability of the vendor, the skill of the vendor, and any instance(s) of products or services delivered or performed which fail to meet the terms of the purchase order, contract, and/or Solicitation specifications. In addition to other remedies and options available to the State, the State may issue one or more notices to the vendor outlining any issues the State has regarding the vendor's performance for a specific contract ("Contract Compliance Request"). The State may also document the Vendor's performance in a report, which may or may not be provided to the vendor ("Contract Non-Compliance Notice"). The Vendor shall respond to any Contract Compliance Request or Contract Non-Compliance Notice in accordance with such notice or request. At the sole discretion of the State, such Contract Compliance Requests and Contract Non-Compliance Notices may be placed in the State's records regarding the vendor and may be considered by the State and held against the vendor in any future contract or award opportunity. The record of vendor performance will be considered in any suspension or debarment action.

H. NOTICE OF POTENTIAL VENDOR BREACH

If Vendor breaches the contract or anticipates breaching the contract, the Vendor shall immediately give written notice to the State. The notice shall explain the breach or potential breach, a proposed cure, and may include a request for a waiver of the breach if so desired. The State may, in its discretion, temporarily or permanently waive the breach. By granting a waiver, the State does not forfeit any rights or remedies to which the State is entitled by law or equity, or pursuant to the provisions of the contract. Failure to give immediate notice, however, may be grounds for denial of any request for a waiver of a breach.

I. BREACH

Either Party may terminate the contract, in whole or in part, if the other Party breaches its duty to perform its obligations under the contract in a timely and proper manner. Termination requires written notice of default and a thirty (30) calendar day (or longer at the non-breaching Party's discretion considering the gravity and nature of the default) cure period. Said notice shall be delivered by email, delivery receipt requested; certified mail, return receipt requested; or in person with proof of delivery. Allowing time to cure a failure or breach of contract does not waive the right to immediately terminate the contract for the same or different contract breach which may occur at a different time.

In case of breach by the Vendor, the State may, without unreasonable delay, make a good faith effort to make a reasonable purchase or contract to purchase goods in substitution of those due from the Vendor. The State may recover from the Vendor as damages the difference between the costs of covering the breach. Notwithstanding any clause to the contrary, the State may also recover the contract price together with any incidental or consequential damages defined in UCC Section 2-715, but less expenses saved in consequence of Vendor's breach. OR In case of default of the Vendor, the State may contract the service from other sources and hold the Vendor responsible for any excess cost occasioned thereby.

The State's failure to make payment shall not be a breach, and the Vendor shall retain all available statutory remedies.

J. NON-WAIVER OF BREACH

The acceptance of late performance with or without objection or reservation by a Party shall not waive any rights of the Party nor constitute a waiver of the requirement of timely performance of any obligations remaining to be performed.

K. SEVERABILITY

If any term or condition of the contract is declared by a court of competent jurisdiction to be illegal or in conflict with any law, the validity of the remaining terms and conditions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the contract did not contain the provision held to be invalid or illegal.

L. INDEMNIFICATION

1. GENERAL

The Vendor agrees to defend, indemnify, and hold harmless the State and its employees, volunteers, agents, and its elected and appointed officials (“the indemnified parties”) from and against any and all claims, liens, demands, damages, liability, actions, causes of action, losses, judgments, costs, and expenses of every nature, including investigation costs and expenses, settlement costs, and attorney fees and expenses (“the claims”), sustained or asserted against the State for personal injury, death, or property loss or damage, arising out of, resulting from, or attributable to the willful misconduct, negligence, error, or omission of the Vendor, its employees, subcontractors, consultants, representatives, and agents, resulting from this contract, except to the extent such Vendor liability is attenuated by any action of the State which directly and proximately contributed to the claims.

2. INTELLECTUAL PROPERTY

The Vendor agrees it will, at its sole cost and expense, defend, indemnify, and hold harmless the indemnified parties from and against any and all claims, to the extent such claims arise out of, result from, or are attributable to, the actual or alleged infringement or misappropriation of any patent, copyright, trade secret, trademark, or confidential information of any third party by the Vendor or its employees, subcontractors, consultants, representatives, and agents; provided, however, the State gives the Vendor prompt notice in writing of the claim. The Vendor may not settle any infringement claim that will affect the State’s use of the Licensed Software without the State’s prior written consent, which consent may be withheld for any reason.

If a judgment or settlement is obtained or reasonably anticipated against the State’s use of any intellectual property for which the Vendor has indemnified the State, the Vendor shall, at the Vendor’s sole cost and expense, promptly modify the item or items which were determined to be infringing, acquire a license or licenses on the State’s behalf to provide the necessary rights to the State to eliminate the infringement, or provide the State with a non-infringing substitute that provides the State the same functionality. At the State’s election, the actual or anticipated judgment may be treated as a breach of warranty by the Vendor, and the State may receive the remedies provided under this solicitation.

3. PERSONNEL

The Vendor shall, at its expense, indemnify and hold harmless the indemnified parties from and against any claim with respect to withholding taxes, worker’s compensation, employee benefits, or any other claim, demand, liability, damage, or loss of any nature relating to any of the personnel, including subcontractors and their employees, provided by the Vendor.

4. SELF-INSURANCE (Statutory)

The State is self-insured for any loss and purchases excess insurance coverage pursuant to Neb. Rev. Stat. § 81-8,239.01. If there is a presumed loss under the provisions of this contract, Vendor may file a claim with the Office of Risk Management pursuant to Neb. Rev. Stat. §§ 81-8,829 through 81-8,306 for review by the State Claims Board. The State retains all rights and immunities under the State Miscellaneous (§ 81-8,294), Tort (§ 81-8,209), and Contract Claim Acts (§ 81-8,302), as outlined in Neb. Rev. Stat. § 81-8,209 et seq. and under any other provisions of law and accepts liability under this contract to the extent provided by law.

5. The Parties acknowledge that Attorney General for the State is required by statute to represent the legal interests of the State, and that any provision of this indemnity clause is subject to the statutory authority of the Attorney General.

M. ATTORNEY’S FEES (OPTIONAL)

In the event of any litigation, appeal, or other legal action to enforce any provision of the contract, the Parties agree to pay all expenses of such action, as permitted by law and if ordered by the court, including attorney’s fees and costs, if the other Party prevails.

N. ASSIGNMENT, SALE, OR MERGER

Either Party may assign the contract upon mutual written agreement of the other Party. Such agreement shall not be unreasonably withheld.

The Vendor retains the right to enter into a sale, merger, acquisition, internal reorganization, or similar transaction involving Vendor’s business. Vendor agrees to cooperate with the State in executing amendments to the contract to allow for the transaction. If a third party or entity is involved in the transaction, the Vendor will remain responsible for performance of the contract until such time as the person or entity involved in the transaction agrees in writing to be contractually bound by this contract and perform all obligations of the contract.

O. CONTRACTING WITH OTHER POLITICAL SUBDIVISIONS OF THE STATE OR ANOTHER STATE

The Vendor may, but shall not be required to, allow agencies, as defined in Neb. Rev. Stat. § 81-145(2), to use this contract. The terms and conditions, including price, of the contract may not be amended. The State shall not be

contractually obligated or liable for any contract entered into pursuant to this clause. A listing of Nebraska political subdivisions may be found at the website of the Nebraska Auditor of Public Accounts.

The Vendor may, but shall not be required to, allow other states, agencies or divisions of other states, or political subdivisions of other states to use this contract. The terms and conditions, including price, of this contract shall apply to any such contract, but may be amended upon mutual consent of the Parties. The State of Nebraska shall not be contractually or otherwise obligated or liable under any contract entered into pursuant to this clause. The State shall be notified if a contract is executed based upon this contract.

P. FORCE MAJEURE

Neither Party shall be liable for any costs or damages, or for default resulting from its inability to perform any of its obligations under the contract due to an unforeseeable natural or man-made event outside the control and not the fault of the affected Party ("Force Majeure Event"). The Party so affected shall immediately make a written request for relief to the other Party and shall have the burden of proof to justify the request. The other Party may grant the relief requested; relief may not be unreasonably withheld. Labor disputes with the impacted Party's own employees will not be considered a Force Majeure Event.

Q. CONFIDENTIALITY

All materials and information provided by the Parties or acquired by a Party on behalf of the other Party shall be regarded as confidential information. All materials and information provided or acquired shall be handled in accordance with federal and state law, and ethical standards. Should said confidentiality be breached by a Party, the Party shall notify the other Party immediately of said breach and take immediate corrective action.

It is incumbent upon the Parties to inform their officers and employees of the penalties for improper disclosure imposed by the Privacy Act of 1974, 5 U.S.C. 552a. Specifically, 5 U.S.C. 552a (i)(1), which is made applicable by 5 U.S.C. 552a (m)(1), provides that any officer or employee, who by virtue of his/her employment or official position has possession of or access to agency records which contain individually identifiable information, the disclosure of which is prohibited by the Privacy Act or regulations established thereunder, and who knowing that disclosure of the specific material is prohibited, willfully discloses the material in any manner to any person or agency not entitled to receive it, shall be guilty of a misdemeanor and fined not more than \$5,000.

R. EARLY TERMINATION

The contract may be terminated as follows:

1. The State and the Vendor, by mutual written agreement, may terminate the contract at any time.
2. The State, at its sole discretion, may terminate the contract for any reason upon thirty (30) calendar days' written notice shall be delivered by email, delivery receipt requested; certified mail, return receipt requested; or in person with proof of delivery to the Vendor. Such termination shall not relieve the Vendor of warranty or other service obligations incurred under the terms of the contract. In the event of termination, the Vendor shall be entitled to payment, determined on a pro rata basis, for products or services satisfactorily performed or provided.
3. The State may terminate the contract immediately for the following reasons:
 - a. if directed to do so by statute;
 - b. Vendor has made an assignment for the benefit of creditors, has admitted in writing its inability to pay debts as they mature, or has ceased operating in the normal course of business;
 - c. a trustee or receiver of the Vendor or of any substantial part of the Vendor's assets has been appointed by a court;
 - d. fraud, misappropriation, embezzlement, malfeasance, misfeasance, or illegal conduct pertaining to performance under the contract by its Vendor, its employees, officers, directors, or shareholders;
 - e. an involuntary proceeding has been commenced by any party against the Vendor under any one of the chapters of Title 11 of the United States Code and (i) the proceeding has been pending for at least sixty (60) calendar days; or (ii) the Vendor has consented, either expressly or by operation of law, to the entry of an order for relief; or (iii) the Vendor has been decreed or adjudged a debtor;
 - f. a voluntary petition has been filed by the Vendor under any of the chapters of Title 11 of the United States Code;
 - g. Vendor intentionally discloses confidential information;
 - h. Vendor has or announces it will discontinue support of the deliverable; and,
 - i. In the event funding is no longer available.

S. CONTRACT CLOSEOUT

Upon termination of the contract for any reason the Vendor shall within thirty (30) days, unless stated otherwise herein:

1. Transfer all completed or partially completed deliverables to the State,
2. Transfer ownership and title to all completed or partially completed deliverables to the State,
3. Return to the State all information and data unless the Vendor is permitted to keep the information or data by contract or rule of law. Vendor may retain one copy of any information or data as required to comply with applicable work product documentation standards or as are automatically retained in the course of Vendor's routine back up procedures,
4. Cooperate with any successor Vendor, person, or entity in the assumption of any or all of the obligations of this contract,
5. Cooperate with any successor Vendor, person, or entity with the transfer of information or data related to this contract,
6. Return or vacate any state owned real or personal property; and,
7. Return all data in a mutually acceptable format and manner.

Nothing in this section should be construed to require the Vendor to surrender intellectual property, real or personal property, or information or data owned by the Vendor for which the State has no legal claim.

T. PROHIBITED PRODUCTS

The State will not accept Gray Market Products for this solicitation. Gray Market is defined as the trade of a commodity through distribution channels which, while legal, are unofficial, unauthorized, or unintended by the original manufacturer. Gray Market items are not designed to be sold in a particular market and cannot be supported by the authorized importer because of various reasons.

The State will not accept any products made by a company owned by the Chinese Communist Party. Furthermore, pursuant to Executive Order No. 23-05, the State will not accept any communications equipment or services developed by organizations on the Federal Communications Commission's Covered List.

The State will not accept goods from countries or persons identified on the Office of Foreign Assets Control Sanctions List.

U. AMERICANS WITH DISABILITIES ACT

Vendor shall comply with all applicable provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12131–12134), as amended by the ADA Amendments Act of 2008 (ADA Amendments Act) (Pub.L. 110–325, 122 Stat. 3553 (2008)), which prohibits discrimination on the basis of disability by public entities.

V. ACCEPTABLE BRANDS

Products proposed must be the brand AND model numbers as specified on each line of the Solicitation Document. The State will not be accepting alternatives to the brands specified. See attached Radio Equipment where brands, models, and equivalents are specified.

W. ACCEPTABLE GOODS

All products proposed shall be of the latest manufacture in production as of the date of the solicitation and be of proven performance and under standard design complete as regularly advertised and marketed and shall be delivered complete with all necessary parts, specified accessories, tools, and special features.

Used, demonstrator, prototype, or discontinued equipment is not acceptable. Complete specifications, manufacturer's descriptive literature and/or advertising data sheets with cuts or photographs may be required prior to an award and should be included with the solicitation response on the IDENTICAL equipment proposed.

Literature should be complete and the latest published. Any information necessary to show compliance with these specifications not given on the manufacturer's descriptive literature and/or advertising data sheets should be supplied in writing on or attached to the solicitation response.

If manufacturer's information necessary to show compliance with these specifications is not attached to the solicitation response, the Vendor may be required to submit requested information within three (3) business days of a written request. Failure to submit requested descriptive literature or advertising data sheets may be grounds to reject the solicitation response.

X. DELIVERY ARO

Delivery desired within 45 days after receipt of order(s).

Y. ORDERS

Orders will be placed either by, phone, e-mail, or Internet (if available and not to the exclusion of the other methods). All orders must reference a purchase order number and the purchase order number must be referenced on the packing slip, and invoice. Invoices are to be sent to the "Invoice to" address on the purchase order.

Z. QUALITY

Product quality must meet specifications and be consistent for the term of the contract. All materials must be of first quality, under standard production by the manufacturer and be of standard design, complete as regularly advertised and marketed and be of proven performance.

A guarantee of satisfactory performance by the Vendor and meeting delivery dates are considered to be an integral part of the purchase contract resulting from this solicitation.

Products are to be fully guaranteed and may be returned for full credit or replacement (at the State's option) for any reason during the initial warranty period with no additional charges for shipping or restocking.

AA. PACKAGING

Packages are to be clearly marked with size, weight, color, quantity, and the purchase order number.

Packaging must be of suitable size and of sufficient strength to protect the contents during shipping, handling and storage.

III. VENDOR DUTIES

Bidder should read the Vendor Duties within this section and must initial either “Accept All Terms and Conditions Within Section as Written” or “Exceptions Taken to Vendor Duties Within Section as Written” in the table below. If exception is not taken to a provision, it is deemed accepted as stated. If the bidder takes any exceptions, they must provide the following within the “Exceptions” field of the table below (Bidder may provide responses in separate attachment if multiple exceptions are taken):

1. The specific clause, including section reference, to which an exception has been taken;
2. An explanation of why the bidder took exception to the clause; and
3. Provide alternative language to the specific clause within the solicitation response.

By signing the solicitation, bidder agrees to be legally bound by all the accepted terms and conditions, and any proposed alternative terms and conditions submitted with the solicitation response. The State reserves the right to negotiate rejected or proposed alternative language. If the State and bidder fail to agree on the final Terms and Conditions, the State reserves the right to reject the solicitation response. The State reserves the right to reject solicitation responses that attempt to substitute the bidder’s commercial contracts and/or documents for this solicitation.

Accept All Vendor Duties Within Section as Written (Initial)	Exceptions Taken to Vendor Duties Within Section as Written (Initial)	Exceptions: (Bidder must note the specific clause, including section reference, to which an exception has been taken, an explanation of why the bidder took exception to the clause, and provide alternative language to the specific clause within the solicitation response.)
MS		

A. INDEPENDENT VENDOR / OBLIGATIONS

It is agreed that the Vendor is an independent Vendor and that nothing contained herein is intended or should be construed as creating or establishing a relationship of employment, agency, or a partnership.

The Vendor is solely responsible for fulfilling the contract. The Vendor or the Vendor’s representative shall be the sole point of contact regarding all contractual matters.

The Vendor shall secure, at its own expense, all personnel required to perform the services under the contract. The personnel the Vendor uses to fulfill the contract shall have no contractual or other legal relationship with the State; they shall not be considered employees of the State and shall not be entitled to any compensation, rights or benefits from the State, including but not limited to, tenure rights, medical and hospital care, sick and vacation leave, severance pay, or retirement benefits.

By-name personnel commitments made in the Vendor’s solicitation response shall not be changed without the prior written approval of the State. Replacement of these personnel, if approved by the State, shall be with personnel of equal or greater ability and qualifications.

The Vendor warrants that all persons assigned to the project shall be employees of the Vendor or a subcontractor and shall be fully qualified to perform the work required herein. Personnel employed by the Vendor or a subcontractor to fulfill the terms of the contract shall remain under the sole direction and control of the Vendor or the subcontractor respectively.

With respect to its employees, the Vendor agrees to be solely responsible for the following:

1. Any and all pay, benefits, and employment taxes and/or other payroll withholding,
2. Any and all vehicles used by the Vendor’s employees, including all insurance required by state law,
3. Damages incurred by Vendor’s employees within the scope of their duties under the contract,
4. Maintaining Workers’ Compensation and health insurance that complies with state and federal law and submitting any reports on such insurance to the extent required by governing law,
5. Determining the hours to be worked and the duties to be performed by the Vendor’s employees; and,

6. All claims on behalf of any person arising out of employment or alleged employment (including without limit claims of discrimination alleged against the Vendor, its officers, agents, or subcontractors or subcontractor's employees).

If the Vendor intends to utilize any subcontractor, the subcontractor's level of effort, tasks, and time allocation should be clearly defined in the solicitation response. The Vendor shall agree that it will not utilize any subcontractors not specifically included in its solicitation response in the performance of the contract without the prior written authorization of the State. If the Vendor subcontracts any of the work, the Vendor agrees to pay any and all subcontractors in accordance with the Vendor's agreement with the respective subcontractor(s).

The State reserves the right to require the Vendor to reassign or remove from the project any Vendor or subcontractor employee.

Vendor shall ensure that the terms and conditions contained in any contract with a subcontractor does not conflict with the terms and conditions of this contract.

The Vendor shall include a similar provision, for the protection of the State, in the contract with any subcontractor engaged to perform work on this contract.

B. FOREIGN ADVERSARY CONTRACTING PROHIBITION ACT CERTIFICATION (Nonnegotiable)

The Vendor certifies that it is not a scrutinized company as defined under the Foreign Adversary Contracting Prohibition Act, Neb. Rev. Stat. Sec. § 73-903 (5); that it will not subcontract with any scrutinized company for any aspect of performance of the contemplated contract; and that any products or services to be provided do not originate with a scrutinized company.

C. EMPLOYEE WORK ELIGIBILITY STATUS

The Vendor is required and hereby agrees to use a federal immigration verification system to determine the work eligibility status of employees physically performing services within the State of Nebraska. A federal immigration verification system means the electronic verification of the work authorization program authorized by the Illegal Immigration Reform and Immigrant Responsibility Act of 1996, 8 U.S.C. 1324a, known as the E-Verify Program, or an equivalent federal program designated by the United States Department of Homeland Security or other federal agency authorized to verify the work eligibility status of an employee.

If the Vendor is an individual or sole proprietorship, the following applies:

1. The Vendor must complete the United States Citizenship Attestation Form, available on the Department of Administrative Services website at <https://das.nebraska.gov/materiel/docs/pdf/Individual%20or%20Sole%20Proprietor%20United%20States%20Attestation%20Form%20English%20and%20Spanish.pdf>
2. The completed United States Attestation Form should be submitted with the Solicitation response.
3. If the Vendor indicates on such attestation form that he or she is a qualified alien, the Vendor agrees to provide the US Citizenship and Immigration Services documentation required to verify the Vendor's lawful presence in the United States using the Systematic Alien Verification for Entitlements (SAVE) Program.
4. The Vendor understands and agrees that lawful presence in the United States is required, and the Vendor may be disqualified or the contract terminated if such lawful presence cannot be verified as required by Neb. Rev. Stat. § 4-108.

D. COMPLIANCE WITH CIVIL RIGHTS LAWS AND EQUAL OPPORTUNITY EMPLOYMENT / NONDISCRIMINATION (Nonnegotiable)

The Vendor shall comply with all applicable local, state, and federal statutes and regulations regarding civil rights laws and equal opportunity employment. The Nebraska Fair Employment Practice Act prohibits Vendors of the State of Nebraska, and their Subcontractors, from discriminating against any employee or applicant for employment, with respect to hire, tenure, terms, conditions, compensation, or privileges of employment because of race, color, religion, sex, disability, marital status, or national origin (Neb. Rev. Stat. §§ 48-1101 to 48-1125). The Vendor guarantees compliance with the Nebraska Fair Employment Practice Act, and breach of this provision shall be regarded as a material breach of contract. The Vendor shall insert a similar provision in all Subcontracts for goods and services to be covered by any contract resulting from this Solicitation.

E. COOPERATION WITH OTHER VENDORS

Vendor may be required to work with or in close proximity to other Vendors or individuals that may be working on the same or different projects. The Vendor shall agree to cooperate with such other Vendors or individuals and shall not commit or permit any act which may interfere with the performance of work by any other Vendor or individual. Vendor is not required to compromise Vendor's intellectual property or proprietary information unless expressly required to do so by this contract.

F. DISCOUNTS

Prices quoted shall be inclusive of ALL trade discounts. Cash discount terms of less than thirty (30) days will not be considered as part of the solicitation response. Cash discount periods will be computed from the date of receipt of a properly executed claim voucher or the date of completion of delivery of all items in a satisfactory condition, whichever is later.

G. PRICES

Prices quoted shall be net, including transportation and delivery charges fully prepaid by the bidder, F.O.B. destination named in the Solicitation. No additional charges will be allowed for packing, packages, or partial delivery costs. When an arithmetic error has been made in the extended total, the unit price will govern.

Option 1 - Fixed Price Contract All prices, costs, and terms and conditions submitted in the solicitation response shall remain fixed and valid commencing on the opening date of the solicitation until the contract terminates or expires.

The State reserves the right to deny any requested price increase. No price increases are to be billed to any State Agencies prior to written amendment of the contract by the parties.

The State will be given full proportionate benefit of any decreases for the term of the contract.

H. PERMITS, REGULATIONS, LAWS

The contract price shall include the cost of all royalties, licenses, permits, and approvals, whether arising from patents, trademarks, copyrights or otherwise, that are in any way involved in the contract. The Vendor shall obtain and pay for all royalties, licenses, and permits, and approvals necessary for the execution of the contract. The Vendor must guarantee that it has the full legal right to the materials, supplies, equipment, software, and other items used to execute this contract.

I. INSURANCE REQUIREMENTS

The Vendor shall throughout the term of the contract maintain insurance as specified herein and provide the State a current Certificate of Insurance/Acord Form (COI) verifying the coverage. The Vendor shall not commence work on the contract until the insurance is in place. If Vendor subcontracts any portion of the Contract the Vendor must, throughout the term of the contract, either:

1. Provide equivalent insurance for each subcontractor and provide a COI verifying the coverage for the subcontractor,
2. Require each subcontractor to have equivalent insurance and provide written notice to the State that the Vendor has verified that each subcontractor has the required coverage; or
3. Provide the State with copies of each subcontractor's Certificate of Insurance evidencing the required coverage.

The Vendor shall not allow any Subcontractor to commence work until the Subcontractor has equivalent insurance. The failure of the State to require a COI, or the failure of the Vendor to provide a COI or require subcontractor insurance shall not limit, relieve, or decrease the liability of the Vendor hereunder.

In the event that any policy written on a claims-made basis terminates or is canceled during the term of the contract or within one (1) years of termination or expiration of the contract, the Vendor shall obtain an extended discovery or reporting period, or a new insurance policy, providing coverage required by this contract for the term of the contract and one (1) years following termination or expiration of the contract.

If by the terms of any insurance a mandatory deductible is required, or if the Vendor elects to increase the mandatory deductible amount, the Vendor shall be responsible for payment of the amount of the deductible in the event of a paid claim.

Notwithstanding any other clause in this Contract, the State may recover up to the liability limits of the insurance policies required herein.

1. WORKERS' COMPENSATION INSURANCE

The Vendor shall take out and maintain during the life of this contract the statutory Workers' Compensation and Employer's Liability Insurance for all of the contactors' employees to be engaged in work on the project under this contract and, in case any such work is sublet, the Vendor shall require the Subcontractor similarly to provide Worker's Compensation and Employer's Liability Insurance for all of the Subcontractor's employees to be engaged in such work. This policy shall be written to meet the statutory requirements for the state in which the work is to be performed, including Occupational Disease. **The policy shall include a waiver of subrogation in favor of the State. The COI shall contain the mandatory COI subrogation waiver**

language found hereinafter. The amounts of such insurance shall not be less than the limits stated hereinafter. For employees working in the State of Nebraska, the policy must be written by an entity authorized by the State of Nebraska Department of Insurance to write Workers' Compensation and Employer's Liability Insurance for Nebraska employees.

2. COMMERCIAL GENERAL LIABILITY INSURANCE AND COMMERCIAL AUTOMOBILE LIABILITY INSURANCE

The Vendor shall take out and maintain during the life of this contract such Commercial General Liability Insurance and Commercial Automobile Liability Insurance as shall protect Vendor and any Subcontractor performing work covered by this contract from claims for damages for bodily injury, including death, as well as from claims for property damage, which may arise from operations under this contract, whether such operation be by the Vendor or by any Subcontractor or by anyone directly or indirectly employed by either of them, and the amounts of such insurance shall not be less than limits stated hereinafter.

The Commercial General Liability Insurance shall be written on an **occurrence basis**, and provide Premises/Operations, Products/Completed Operations, Independent Vendors, Personal Injury, and Contractual Liability coverage. **The policy shall include the State, and others as required by the contract documents, (agency to determine any additional insureds besides the State) as Additional Insured(s). This policy shall be primary, and any insurance or self-insurance carried by the State shall be considered secondary and non-contributory. The COI shall contain the mandatory COI liability waiver language found hereinafter.** The Commercial Automobile Liability Insurance shall be written to cover all Owned, Non-owned, and Hired vehicles.

REQUIRED INSURANCE COVERAGE (COVERAGES AND THE AMOUNT OF COVERAGE SHOULD BE ADJUSTED BASED ON NATURE OF THE CONTRACT / SERVICE / GOODS/ RISK. DO NOT ACCEPT ALL INSURANCE COVERAGES AND AMOUNTS WITHOUT REVIEWING EACH OF THEM. PLEASE REVIEW THE INSURANCE MANUAL FOUND HERE . IF YOU STILL HAVE QUESTIONS, PLEASE REACH OUT TO THE STATE'S RISK MANAGER AT 402-471-2551)	
COMMERCIAL GENERAL LIABILITY	
General Aggregate	\$2,000,000
Products/Completed Operations Aggregate	\$2,000,000
Personal/Advertising Injury	\$1,000,000 per occurrence
Bodily Injury/Property Damage	\$1,000,000 per occurrence
Medical Payments	\$10,000 any one person
Damage to Rented Premises (Fire)	\$300,000 each occurrence
Contractual	Included
XCU Liability (Explosion, Collapse, and Underground Damage)	Included
Independent Vendors	Included
Abuse & Molestation	Included
<i>If higher limits are required, the Umbrella/Excess Liability limits are allowed to satisfy the higher limit.</i>	
WORKER'S COMPENSATION	
Employers Liability Limits	\$500K/\$500K/\$500K
Statutory Limits- All States	Statutory - State of Nebraska
Voluntary Compensation	Statutory
COMMERCIAL AUTOMOBILE LIABILITY	
Bodily Injury/Property Damage	\$1,000,000 combined single limit
Include All Owned, Hired & Non-Owned Automobile liability	Included
Motor Carrier Act Endorsement	Where Applicable
UMBRELLA/EXCESS LIABILITY	
Over Primary Insurance	\$5,000,000 per occurrence
PROFESSIONAL LIABILITY	
All Other Professional Liability (Errors & Omissions)	\$1,000,000 Per Claim / Aggregate
COMMERCIAL CRIME	
Crime/Employee Dishonesty Including 3rd Party Fidelity	\$1,000,000
CYBER LIABILITY	
VENDOR'S POLLUTION LIABILITY	
Each Occurrence/Aggregate Limit	\$2,000,000
Includes Non-Owned Disposal Sites	
MANDATORY COI SUBROGATION WAIVER LANGUAGE	
"Workers' Compensation policy shall include a waiver of subrogation in favor of the State of Nebraska."	
MANDATORY COI LIABILITY WAIVER LANGUAGE	
"Commercial General Liability & Commercial Automobile Liability policies shall name the State of Nebraska as an Additional Insured and the policies shall be primary and any insurance or self-insurance carried by the State shall be considered secondary and non-contributory as additionally insured."	

3. EVIDENCE OF COVERAGE

The Vendor shall furnish the Contract Manager, via email, with a certificate of insurance coverage complying with the above requirements prior to beginning work at:

124677 OR

Agency State Purchasing Bureau
 Attn: PCO Name
 Address 1526 K St. Suite 130
 City, State, Zip Lincoln, NE 68508
 Jason.lewin@nebraska.gov

These certificates or the cover sheet shall reference the solicitation number, and the certificates shall include the name of the company, policy numbers, effective dates, dates of expiration, and amounts and types of coverage afforded. If the State is damaged by the failure of the Vendor to maintain such insurance, then the Vendor shall be responsible for all reasonable costs properly attributable thereto.

Reasonable notice of cancellation of any required insurance policy must be submitted to the contract manager as listed above when issued and a new coverage binder shall be submitted immediately to ensure no break in coverage.

4. DEVIATIONS

The insurance requirements are subject to limited negotiation. Negotiation typically includes, but is not necessarily limited to, the correct type of coverage, necessity for Workers' Compensation, and the type of automobile coverage carried by the Vendor.

J. ANTITRUST

The Vendor hereby assigns to the State any and all claims for overcharges as to goods and/or services provided in connection with this contract resulting from antitrust violations which arise under antitrust laws of the United States and the antitrust laws of the State.

K. CONFLICT OF INTEREST

By submitting a solicitation response, vendor certifies that no relationship exists between the vendor and any person or entity which either is, or gives the appearance of, a conflict of interest related to this solicitation or project.

Vendor further certifies that vendor will not employ any individual known by vendor to have a conflict of interest nor shall vendor take any action or acquire any interest, either directly or indirectly, which will conflict in any manner or degree with the performance of its contractual obligations hereunder or which creates an actual or appearance of conflict of interest.

If there is an actual or perceived conflict of interest, vendor shall provide with its solicitation response a full disclosure of the facts describing such actual or perceived conflict of interest and a proposed mitigation plan for consideration. The State will then consider such disclosure and proposed mitigation plan and either approve or reject as part of the overall solicitation response evaluation.

L. STATE PROPERTY (IF APPLICABLE)

The Vendor shall be responsible for the proper care and custody of any State-owned property which is furnished for the Vendor's use during the performance of the contract. The Vendor shall reimburse the State for any loss or damage of such property; normal wear and tear is expected.

M. SITE RULES AND REGULATIONS (IF APPLICABLE)

The Vendor shall use its best efforts to ensure that its employees, agents, and Subcontractors comply with site rules and regulations while on State premises. If the Vendor must perform on-site work outside of the daily operational hours set forth by the State, it must make arrangements with the State to ensure access to the facility and the equipment has been arranged. No additional payment will be made by the State on the basis of lack of access, unless the State fails to provide access as agreed to in writing between the State and the Vendor.

N. ADVERTISING

The Vendor agrees not to refer to the contract award in advertising in such a manner as to state or imply that the company or its goods or services are endorsed or preferred by the State. Any publicity releases pertaining to the project shall not be issued without prior written approval from the State.

O. DISASTER RECOVERY/BACK UP PLAN

The Vendor shall have a disaster recovery and back-up plan, of which a copy should be provided upon request to the State, which includes, but is not limited to equipment, personnel, facilities, and transportation, in order to continue delivery of goods and services as specified under the specifications in the contract in the event of a disaster.

P. DRUG POLICY

Vendor certifies it maintains a drug free workplace environment to ensure worker safety and workplace integrity. Vendor agrees to provide a copy of its drug free workplace policy at any time upon request by the State.

Q. WARRANTY

The Vendor warrants for a period of one (1) year from the date of Acceptance that: (a) the Products perform according to all specific claims that the Vendor made in its response to the solicitation, (b) the Product is suitable for the ordinary purposes for which such Product is used, (c) the Product is suitable for any special purposes identified in the solicitation or for which the State has relied on the Vendor's skill or judgment, (d) the Product is designed and

manufactured in a commercially reasonable manner, and (e) the Product is free of defects. Upon breach of the warranty, the Vendor will repair or replace (at no charge to the State) the Product whose nonconformance is discovered and made known to the Vendor. If the repaired and/or replaced Product proves to be inadequate, or fails of its essential purpose, the Vendor will refund the full amount of any payments that have been made. The rights and remedies of the parties under this warranty are in addition to any other rights and remedies of the parties provided by law or equity, including, without limitation actual damages, and, as applicable and awarded under the law, to a prevailing party, reasonable attorneys' fees, and costs.

R. TIME IS OF THE ESSENCE

Time is of the essence with respect to Vendor's performance and deliverables pursuant to this Contract.

S. USAGE REPORT

The Vendor shall, upon request by the State Purchasing Bureau, provide a usage report of this contract by state agencies and political subdivisions.

The reporting period may be determined based on need and may include the following:

- a. Agency name, item(s), and dollar amount and shall include the information of the time period requested.
- b. Fill rate information for Core List and Catalog/Non-Core items, statewide and by agency to include the number of orders received, orders processed, back orders, and partially filled orders.

Usage reports by agency and statewide indicating the numbers of each Core List and Catalog/Non-Core item sold.

Any additional report the State Purchasing Bureau may deem necessary.

T. AUTHORIZED DEALER & WARRANTY

To the extent required by the manufacturer, the Vendor shall be an authorized dealer. Vendor may be required to substantiate that they are an authorized dealer. Proof, if required, must be submitted to SPB within three (3) business days of the request and prior to the award of any contract.

The terms of the original manufacturer's standard warranty shall apply to all equipment acquired from this solicitation for the entire warranty period.

U. DELIVERY LOCATIONS / INSTRUCTIONS

Vendor must provide products to all applicable delivery locations/instructions.

Please deliver all commodities to:

Nebraska Public Media
1800 N 33rd St
Lincoln, NE 68503

IV. PAYMENT

Bidder should read the Payment clauses within this section and must initial either “Accept All Terms and Conditions Within Section as Written” or “Exceptions Taken to Payment clauses Within Section as Written” in the table below. If exception is not taken to a provision, it is deemed accepted as stated. If the bidder takes any exceptions, they must provide the following within the “Exceptions” field of the table below (Bidder may provide responses in separate attachment if multiple exceptions are taken):

1. The specific clause, including section reference, to which an exception has been taken;
2. An explanation of why the bidder took exception to the clause; and
3. Provide alternative language to the specific clause within the solicitation response.

By signing the solicitation, bidder agrees to be legally bound by all the accepted terms and conditions, and any proposed alternative terms and conditions submitted with the solicitation response. The State reserves the right to negotiate rejected or proposed alternative language. If the State and bidder fail to agree on the final Terms and Conditions, the State reserves the right to reject the solicitation response. The State reserves the right to reject solicitation responses that attempt to substitute the bidder’s commercial contracts and/or documents for this solicitation.

Accept All Payment Clauses Within Section as Written (Initial)	Exceptions Taken to Payment Clauses Within Section as Written (Initial)	Exceptions: (Bidder must note the specific clause, including section reference, to which an exception has been taken, an explanation of why the bidder took exception to the clause, and provide alternative language to the specific clause within the solicitation response.)
MS		

A. PROHIBITION AGAINST ADVANCE PAYMENT (Nonnegotiable)

Neb. Rev. Stat. §81-2403 states “[n]o goods or services shall be deemed to be received by an agency until all such goods or services are completely delivered and finally accepted by the agency” Standard term is to pay after deliverables and that any alteration of that standard term should be carefully considered and used only when absolutely necessary to accommodate certain critical exceptions, i.e. insurance premiums, etc. that must be paid in advance.)

Neb. Rev. Stat. § 81-2403 states, “[n]o goods or services shall be deemed to be received by an agency until all such goods or services are completely delivered and finally accepted by the agency.”

B. TAXES (Nonnegotiable)

The State is not required to pay taxes and assumes no such liability as a result of this Solicitation. The Vendor may request a copy of the Nebraska Department of Revenue, Nebraska Resale or Exempt Sale Certificate for Sales Tax Exemption, Form 13 for their records. Any property tax payable on the Vendor's equipment which may be installed in a state-owned facility is the responsibility of the Vendor.

C. INVOICES (Nonnegotiable)

Invoices for payments must be submitted by the Vendor to the agency requesting the services with sufficient detail to support payment. **Invoices must be emailed to accounting@nebraskapublicmedia.org**, and should reference a PO number. The terms and conditions included in the Vendor’s invoice shall be deemed to be solely for the convenience of the parties. No terms or conditions of any such invoice shall be binding upon the State, and no action by the State, including without limitation the payment of any such invoice in whole or in part, shall be construed as binding or estopping the State with respect to any such term or condition, unless the invoice term or condition has been previously agreed to by the State as an amendment to the contract. **The State shall have forty-five (45) calendar days to pay after a valid and accurate invoice is received by the State.**

D. INSPECTION AND APPROVAL

Final inspection and approval of all work required under the contract shall be performed by the designated State officials.

E. PAYMENT (Nonnegotiable)

Payment will be made by the responsible agency in compliance with the State of Nebraska Prompt Payment Act (See Neb. Rev. Stat. § 81-2403). The State may require the Vendor to accept payment by electronic means such as ACH deposit. In no event shall the State be responsible or liable to pay for any goods and services provided by the Vendor prior to the Effective Date of the contract, and the Vendor hereby waives any claim or cause of action for any such goods or services.

F. LATE PAYMENT (Nonnegotiable)

The Vendor may charge the responsible agency interest for late payment in compliance with the State of Nebraska Prompt Payment Act (See Neb. Rev. Stat. §§ 81-2401 through 81-2408).

G. SUBJECT TO FUNDING / FUNDING OUT CLAUSE FOR LOSS OF APPROPRIATIONS (Nonnegotiable)

The State's obligation to pay amounts due on the Contract for fiscal years following the current fiscal year is contingent upon legislative or federal appropriation of funds. Should said funds not be appropriated, the State may terminate the contract with respect to those payments for the fiscal year(s) for which such funds are not appropriated. The State will give the Vendor reasonable written notice prior to the effective date of termination. All obligations of the State to make payments after the termination date will cease. The Vendor shall be entitled to receive just and equitable compensation for any authorized work which has been satisfactorily completed as of the termination date. In no event shall the Vendor be paid for a loss of anticipated profit.

H. RIGHT TO AUDIT (First Paragraph is Nonnegotiable)

The State shall have the right to audit the Vendor's performance of this contract upon a thirty (30) days' written notice. Vendor shall utilize generally accepted accounting principles, and shall maintain the accounting records, and other records and information relevant to the contract (Information) to enable the State to audit the contract. (Neb. Rev. Stat. § 84-304 et seq.) The State may audit, and the Vendor shall maintain, the Information during the term of the contract and for a period of five (5) years after the completion of this contract or until all issues or litigation are resolved, whichever is later. The Vendor shall make the Information available to the State at Vendor's place of business or a location acceptable to both Parties during normal business hours. If this is not practical or the Vendor so elects, the Vendor may provide electronic or paper copies of the Information. The State reserves the right to examine, make copies of, and take notes on any Information relevant to this contract, regardless of the form or the Information, how it is stored, or who possesses the Information. Under no circumstance will the Vendor be required to create or maintain documents not kept in the ordinary course of Vendor's business operations, nor will Vendor be required to disclose any information, including but not limited to product cost data, which is confidential or proprietary to Vendor.

The Parties shall pay their own costs of the audit unless the audit finds a previously undisclosed overpayment by the State. If a previously undisclosed overpayment exceeds .5% of the total contract billings, or if fraud, material misrepresentations, or non-performance is discovered on the part of the Vendor, the Vendor shall reimburse the State for the total costs of the audit. Overpayments and audit costs owed to the State shall be paid within ninety (90) days of written notice of the claim. The Vendor agrees to correct any material weaknesses or condition found as a result of the audit.

V. TECHNICAL SPECIFICATIONS

A. VENDOR INSTRUCTIONS

Vendor must respond to each of the following statements. Specifications listed are minimum conditions that must be met in order for a Vendor to qualify for the award.

“YES” response means the Vendor guarantees they can meet this condition.

“NO” response means the Vendor cannot meet this condition and will not be considered.

“NO & PROVIDE ALTERNATIVE” responses should be used only with a narrative response in the NOTES/COMMENTS section explaining in detail any deviation from the Vendor’s ability to meet the condition, and an explanation of how this would be determined to be an acceptable alternative to meeting the condition. Alternatives must be detailed in such a way that allows such deviations to be fully evaluated. The State shall determine at its sole discretion whether or not the Vendor’s alternative is an acceptable alternative.

B. NON-COMPLIANCE STATEMENT

Read these specifications carefully. Any and all exceptions to these specifications must be written on or attached to solicitation response. Any non-compliance may result in your solicitation response being deemed as non-responsive.

It is the responsibility of Vendors to obtain information and clarifications as provided below. The State is not responsible for any erroneous or incomplete understandings or wrongful interpretations of this solicitation by any Vendor.

C. Radio Studio Equipment Specifications

YES	NO	NO & PROVIDE ALTERNATIVE	
MS			<ul style="list-style-type: none"> a. It is the intent of this Invitation To Bid (ITB) to solicit competitive bids to procure new radio studio equipment for stateside radio network to include 2 on-air radio studios and 2 Radio Production suites. Please see attached Radio Equipment BOM Spreadsheet. b. See Attachment A “Radio Studio Equipment Specifications”
NOTES/COMMENTS:			

CONTRACTUAL AGREEMENT FORM

BIDDER MUST COMPLETE THE FOLLOWING

By signing this Contractual Agreement Form, the bidder guarantees compliance with the provisions stated in this solicitation and agrees to the terms and conditions unless otherwise indicated in writing and certifies that bidder is not owned by the Chinese Communist Party.


Per Nebraska’s Transparency in Government Procurement Act, Neb. Rev Stat § 73-603, DAS is required to collect statistical information regarding the number of contracts awarded to Nebraska Vendors. This information is for statistical purposes only and will not be considered for contract award purposes.

_____ NEBRASKA VENDOR AFFIDAVIT: Bidder hereby attests that bidder is a Nebraska Vendor. “Nebraska Vendor” shall mean any bidder who has maintained a bona fide place of business and at least one employee within this state for at least the six (6) months immediately preceding the posting date of this Solicitation. All vendors who are not a Nebraska Vendor are considered Foreign Vendors under Neb. Rev Stat § 73-603 (c).

_____ I hereby certify that I am a Resident disabled veteran or business located in a designated enterprise zone in accordance with Neb. Rev. Stat. § 73-107 and wish to have preference, if applicable, considered in the award of this contract.

_____ I hereby certify that I am a blind person licensed by the Commission for the Blind & Visually Impaired in accordance with Neb. Rev. Stat. § 71-8611 and wish to have preference considered in the award of this contract.

THIS FORM MUST BE SIGNED MANUALLY IN INK OR BY DOCUSIGN

COMPANY:	Broadcast Depot Corp
ADDRESS:	7782 NW 46th Street
PHONE:	305-599-3100
EMAIL:	mary@7bd.com
BIDDER NAME & TITLE:	Mary Schnelle Sales Development
SIGNATURE:	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <small>DocuSigned by:</small>  <small>71B2677A9E824B8</small> </div>
DATE:	4/9/2026

VENDOR COMMUNICATION WITH THE STATE CONTACT INFORMATION (IF DIFFERENT FROM ABOVE)	
NAME:	
TITLE:	
PHONE:	
EMAIL:	

State of Nebraska
 Technical Specification Sheet
 124677 OR Attachment A

Radio Studio Equipment Specifications

State Specifications		Meets Spec Yes No		Contractor Specification
1	Live Wire Control Ex. Axia Pathfinder Core Pro, or equivalent	X		
	a. Quantity: 1 b. Automatic router table generation c. PC-platform-independent			
2	Voice Over IP Phone System Ex. Telos VX Enterprise 8, or equivalent	X		
	a. Quantity: 1 b. Hybrid License Pack			
3	6 Line Phone Controller System Ex. Telos VSET6, or equivalent	X		
	a. Quantity: 1 b. 6 line phone control surface			
4	12 Line Phone Controller System Ex. Telos VSET12, or equivalent	X		
	a. Quantity: 1 b. 12 call controller			
5	Half-rack high-performance IP-Audio interface Ex. Xnode Analog 4x4, or equivalent	X		
	a. Quantity: 2 b. universal translator that support installed base of Livewire+ hardware as well as audio streams from other AES67-compliant devices.			
6	Half-rack IP-Audio interface AES/EBU 4x4 Ex. Xnode AES/EBU 4x4 I/O, or equivalent	X		
	a. Quantity: 3 b. Must include 4 AES Inputs/Outputs			

State of Nebraska
 Technical Specification Sheet
 124677 OR Attachment A

State Specifications		Meets Spec Yes No		Contractor Specification
7	Routing Control Panel Ex. Axia XY, or equivalent	X		
	a. Quantity: 1 b. Route any source to any destination (any-to-any routing)			
8	Z/IP Stream Processor Ex. Telos R/20, or equivalent	X		
	a. Quantity: 1 b. 3-Band Processing			
9	Fan-less, modular AoIP broadcast mixing console Ex. Quasar, or equivalent	X		
	a. Quantity: 2 b. Include Redundant PSU c. Include Software Licenses d. Include (uninstalled) touchscreen control panel (Ex. MTS-MON)			
10	4-channel, non-motorized fader module designed Ex. Quasar SR-4FAD, or equivalent	X		CONSOLE IS CONFIGURED AS A 16 CHANNEL PER THE Q&A
	a. Quantity : 12 Stand Alone (uninstalled)			
11	16-channel mixing engine Ex. Quasar Engine Base, or equivalent	X		
	a. Quantity: 2 b. Must function without a physical XR or SR surface			
12	High-density 2RU rack-mounted AoIP (Audio over IP) endpoint device Ex. Axia Studio Edge, or equivalent	X		
	a. Quantity: 1 b. Fanless design for silent in-studio use Front Panel UI for control of routing, I/O, and Audio levels			
13	Studio Monitors Ex. JBL 305MKII, or equivalent	X		
	a. Quantity: 2 Pair			

State of Nebraska
 Technical Specification Sheet
 124677 OR Attachment A

State Specifications		Meets Spec Yes No		Contractor Specification
14	Strobes for Phone, on air, and weather alerts Ex. PTS Beacon, or equivalent	X		
	a. Quantity: 2 phone, 2 WX, 2 on air Livewire interface			
15	On Air Lights Ex. PTS OALfB, or equivalent	X		
	a. Quantity 4 Livewire Interface			
16	IP Audio Driver Ex. Axia IP Audio Driver, or equivalent	X		
	a. Quantity 8 Windows compatible			
17	Microphone Booms Ex. YellowTec MIKA Set 12, or equivalent	X		
	a. Quantity: 8 b. Must have on air light c. Must have live wire interface			
18	Program Delay Manager Ex. 25-Seven PDM II, or equivalent	X		
	a. Quantity: 3 b. Delay IP data, Serial Stream, & GPIO, maintain sync to audio Analog AES3 digital and Livewire+AES67 AoIP			
19	Studio Microphones and Shock Mounts Ex. Neumann U87, or equivalent	X		
	a. Quantity: 12 b. Include Pop Filters c. Variable large diaphragm d. Three directional characteristics			
20	High Power stereo headphone amplifier Ex. AngryAudio Gizmo, or equivalent	X		
	a. Quantity: 8 With Volume Control			

State of Nebraska
 Technical Specification Sheet
 124677 OR Attachment A

	State Specifications	Meets Spec Yes No	Contractor Specification
21	4 Channel Power Inserter Ex. StudioHub, or equivalent	X	
	Quantity: 2		

Base Price \$179,522.14

Notes: PRICE INCLUDES FREE GROUND SHIPPING AND AN INSTALLATION MATERIALS VALUED AT \$1,175.00, PRODUCT DATA SHEETS ARE ATTACHED SEPERATELY

Contractor Information

Contractor: BROADCAST DEPOT
Name: MARY SCHNELLE
Phone: 305-599-3100
Address: 7782 NW 46 TH STREET, MIAMI FL 33166

**Attachment B - Cost Sheet
124677 OR - Radio Studio Equipment - BAFO**

Bidding Instructions: All Core Items are required to be bid. If bidder does not bid on all the required core items the bid may be rejected and not considered for award. Lines 9 and 11 have required extended warranty line items labeled 9.1 and 11.1.

All other extended warranty options can be entered in the secondary table listed below. These items will not be evaluated as part of the award process but may be incorporated into the awarded contract.

CORE ITEMS - REQUIRED

Specification Item Number	Item Description	Quantity	UoM	Unit Price	Total
1	Live Wire Control	1	Each	\$ 8,456.00	\$ 8,456.00
2	Voice Over IP Phone System	1	Each	\$ 6,206.00	\$ 6,206.00
3	6 Line Phone Controller System	1	Each	\$ 941.00	\$ 941.00
4	12 Line Phone Controller System	1	Each	\$ 1,193.00	\$ 1,193.00
5	Half-rack high-performance IP-Audio interface	2	Each	\$ 1,875.00	\$ 3,750.00
6	Half-rack IP-Audio interface AES/EBU 4x4	3	Each	\$ 2,066.00	\$ 6,198.00
7	Routing Control Panel	1	Each	\$ 2,426.00	\$ 2,426.00
8	Z/IP Stream Processor	1	Each	\$ 7,826.00	\$ 7,826.00
9	(Factory installed) Fan-less, modular AoIP broadcast mixing console, Included 5.5U with power supply (qty 2), redundant PSU (qty 2), Included touchscreen control panel (qty 2)	2	Each	\$ 9,884.00	\$ 19,768.00
9.1	Broadcast Mixing Console - One Year Extended Warranty	2	Each	\$ 678.00	\$ 1,356.00
10	4-channel, non-motorized fader module designed PLUS EXTENDED 1 YEAR WARRANTY	8	Each	\$ 2,890.00	\$ 23,120.00
11	16-channel mixing engine	2	Each	\$ 10,346.00	\$ 20,692.00
11.1	16-channel mixing engine - One Year Extended Warranty	2	Each	\$ 919.00	\$ 1,838.00
12	High-density 2RU rack-mounted AoIP (Audio over IP) endpoint device	1	Each	\$ 6,595.00	\$ 6,595.00
13	Studio Monitors	2	Pair	\$ 398.00	\$ 796.00
14	Strobes for Phone, on air, and weather alerts	6	Each	\$ 257.84	\$ 1,547.04
15	On air lights	4	Each	\$ 329.56	\$ 1,318.24
16	4 Channel IP Audio Driver	8	Each	\$ 581.00	\$ 4,648.00
17	Microphone Booms	8	Each	\$ 705.60	\$ 5,644.80
18	Program Delay Manager	3	Each	\$ 3,821.00	\$ 11,463.00
19	Studio Microphones and Shock Mounts	12	Each	\$ 3,379.17	\$ 40,550.04
20	High Power stereo headphone amplifier	8	Each	\$ 196.94	\$ 1,575.52
21	4 Channel Power Inserter	2	Each	\$ 156.75	\$ 313.50

NON-CORE - OPTIONAL EXTENDED WARRANTY

Specification Item Number	Warranty Term (One, Two, Three Year, etc.)	Quantity	UoM	Unit Price	Total
8	Example Extended Warranty - Two Year Extended Coverage	1	Each	\$ 2,000.00	\$ 2,000.00
12	AXIA 2001-00631-501 ONE YEAR TELOSCARE EXTENDED WARRANTY FOR AXIA STUD	1	Each	\$ 529.00	\$ 529.00
		1	Each		\$ -
		1	Each		\$ -
		1	Each		\$ -
		1	Each		\$ -
		1	Each		\$ -
		1	Each		\$ -

Definition

For purposes of this Limited Warranty (this “**Warranty**”), the terms in parentheses below shall have the meanings given them:

“**Act of God**” means any cause beyond the reasonable control of Telos, including acts of God, fires, floods, electrical surges, and lightning.

“**Extended Warranty Period**” means a discrete and identified period of time separately purchased from Telos by or on behalf of an end-user and expressly identified by Telos as an Extended Warranty Period.

“**Hardware**” means all tangible audio equipment, circuit boards and components manufactured or assembled by or on behalf of Telos.

“**Hardware Products**” means all Hardware plus any Software or Software Options that enable the core functionality of such Hardware.

“**Initial Warranty Period**” of a particular Product or Service other than a Software Option means the period beginning on its Receipt Date and ending (i) for Hardware Products, two (2) years thereafter, and (ii) for Software Products, ninety (90) days thereafter.

“**Products**” means all Hardware Products and Software Products sold by or on behalf of Telos, or by any of its authorized distributors.

“**Receipt Date**” means the date that the end-user receives the Product or Service in question or, if sooner, 90 days from the date the relevant Product is shipped to such end-user.

“**Services**” means all installation, configuration, and repair services provided by Telos.

“**Software**” means all application and systems software, including (but not limited to) firmware and application programming interfaces, designed or developed by or on behalf of Telos, without regard to whether such Software is sold in stand-alone format or installed on or embedded in Hardware.

“**Software Options**” means all Software that (i) expands the functionality of an existing Hardware Product or Software Product and (ii) does not have any functionality or use on its own.

“**Software Products**” means all Software sold in stand-alone format.

“**Telos**” means TLS Corp., an Ohio corporation doing business under the brand names Telos Alliance, Telos Systems, Omnia Audio, Axia Audio, Linear Acoustic, Minnetonka Audio Systems, and 25-Seven, among others.

“**Warranty Period**” of a particular Product or Service means the Initial Warranty Period of such Product or Service plus any Extended Warranty Period purchased by the end-user for such Product or Service. The Warranty Period of a Software Option shall be the remainder of the Warranty Period of the Hardware Product or Software Product whose functionality it expands. Certain Software Options are billed as separate line items when purchasing extended warranty coverage from Telos. For purposes of calculating the Warranty Period, these Software Options will be treated as a Software Product with Extended Warranty Periods that run separately from the underlying Hardware or Software whose functionality they expand, and not as stated in this definition above.

Warranty

This Warranty covers, and is the exclusive remedy available from Telos for any defect in, Telos' Products and Services. Each Product and Service is warranted for its Warranty Period to be free from defects in material and workmanship, and to perform in conformity with (and subject to end-user's compliance with) the applicable Quotation. Telos will repair (with factory-authorized parts) or replace (at its sole discretion) a defective Product returned to Telos within its Warranty Period, and correct defective Services whose defect is brought to Telos' attention within their Warranty Period, all subject to the provisions and limitations set forth in this Warranty. Telos also reserves the right, if it is not economically justifiable to repair or replace the warranted Product, to offer a replacement product of comparable performance and condition direct to the customer, accepting the failed warranted Product as a trade-in.

Warranty Limitations

As with all sensitive electronic equipment, to help prevent damage and or loss of data, we strongly recommend the use of an uninterruptible power supply with all of our Products. Telos products (including the Products) are to be used with registered protective interface devices which satisfy regulatory requirements in their country of use.

This Warranty will be void as to any: (i) Product or Service that was purchased or otherwise obtained through sales channels not authorized by Telos; (ii) Product or Service that is owned by any person who has materially breached or allowed another to cause the material breach of, the terms of the end-user license agreement, terms and conditions of use, or other use agreement governing the end user's right to use such Product or Service; (iii) Product that has been subjected, directly or indirectly, to any Act of God; (iv) Product that has been improperly installed or misused, including (without limitation) the failure to use telephone and power line surge protection devices; (v) Product that has been damaged by misuse, accident or neglect; or (vi) Product into which the end-user has incorporated or permitted to be incorporated any virus, worm, Trojan horse, time bomb or other malicious code intended to harm or negatively affect the operation, integrity, control or security of computer programs, systems, environment or data.

EXCEPT AS EXPRESSLY STATED ABOVE, TELOS MAKES NO WARRANTIES, EXPRESS OR IMPLIED (INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) AS TO THE PERFORMANCE OF THE PRODUCTS AND SERVICES.

IN NO EVENT WILL TELOS, ITS DIRECTORS, OFFICERS, EMPLOYEES, AGENTS, OWNERS, CONSULTANTS OR ADVISORS (ITS "**AFFILIATES**"), OR AUTHORIZED DEALERS OR THEIR RESPECTIVE AFFILIATES, BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR FOR LOSS, DAMAGE, OR EXPENSE DIRECTLY OR INDIRECTLY ARISING FROM THE USE OF ANY PRODUCT OR RECEIPT OF ANY SERVICES, OR THE INABILITY TO USE ANY PRODUCT EITHER SEPARATELY OR IN COMBINATION WITH OTHER EQUIPMENT OR MATERIALS, OR FROM ANY OTHER CAUSE.

Submitting a Claim

A warranty claim must be received by Telos within the Warranty Period and warranty coverage must be authorized by Telos. Contact may be made by email at support@telosalliance.com or telephone at (+1) 216-241-7225.

Shipping Costs and Warranty Service for Hardware Products If Telos authorizes the performance of warranty service for a Hardware Product, the defective Hardware Product must be delivered to Telos at 1241 Superior Avenue, Cleveland, Ohio 44114 or such other repair center as Telos may specify at the time of claim.

If the date the customer's notice of warranty claim on a Hardware Product is actually received by Telos (such date the "**Warranty Claim Notice Date**") is within the first 90 days of such Hardware Product's Warranty Period, Telos will pay the costs of shipping (and bear risk of loss of) such Hardware Product to and from the end user's location, and the cost of repair or replacement of such warranted Hardware Product.

If the Warranty Claim Notice Date occurs after the first 90 days of such Hardware Product's Warranty Period and before the end of such Warranty Period, the customer will pay the freight to return such Hardware Product to Telos. Telos will then, in its sole discretion, repair or replace the warranted Hardware Product and return it to the end user at Telos' expense.

The end user will in all cases be responsible for all duties and taxes associated with the shipment, return and servicing of the warranted Hardware Product.

No distributor, dealer, or reseller of Telos products is authorized under any circumstances to extend, expand or otherwise modify in any way the warranty provided by Telos, and any attempt to do so is null and void and shall not be effective as against Telos or its affiliates.

Handling of Warranty Information

Any information gathered pursuant to the registration of this Warranty or service provided hereunder shall be kept and used in accordance with Telos' Privacy Policy, a full copy of which can be found at:



Limited Warranty

<https://www.telosalliance.com/privacy>.

Telos VX® Enterprise

The Whole-Plant Broadcast Talkshow System



OVERVIEW

Telos VX® is the world's first VoIP (Voice over IP) talkshow system — a broadcast phone system that's so powerful, it can run all the on-air phones for your entire plant. Telos VX Enterprise™, with built-in support for AES67, is the next evolution of Telos VX VoIP phone system in a powerful new 1RU hardware unit. Additionally, support for the G.722 voice codec ensures the highest quality calls from supported mobile devices. With capacity expandable to up to 120 hybrids/faders, VX Enterprise is ideal for medium to large facilities and can grow with your station over time.

AES67 support brings a new level of compatibility and flexibility to VX phone systems. Support for AES67 gives broadcasters the flexibility of integrating VX Enterprise into any AES67 environment, in addition to our own Axia® Livewire® network. With plug-and-play connectivity, you can network multiple channels of audio with any manufacturer's AES67-compliant hardware. Beyond AES67, Livewire users have the added convenience and power of networking control (GPIO), advertising/discovery, and program associated data throughout the network.

VX Enterprise | The Whole-Plant Broadcast Talkshow System

Using VoIP, VX Enterprise gives you remarkable-sounding on-air phone calls with no 'gotchas'. It weds modern networking to the remarkable power of digital signal processing. VX Enterprise uses Ethernet as its connection backbone, significantly cutting the cost of phone system installation, maintenance, and cabling. It uses standard SIP protocol that works with many VoIP PBX systems and SIP Telco to take advantage of low-cost and high-reliability service offerings. VX Enterprise can also connect to traditional telco lines via Asterisk PBX systems, which can be customized for specific facility requirements.

Don't have an IP-Audio network yet? Optional Telos Alliance xNodes, like the Telos Alliance Mixed Signal Node, break out audio into analog and digital formats, along with GPIO logic commands. And with informative VSet phones, talent finds it easier than ever to take control of their callers, moving and sharing lines between studios at the touch of a button.

FEATURES

- VX is the world's first VoIP telephone system designed and built specifically for broadcasting.
- Includes support for AES67, giving broadcasters added flexibility of integrating VX Enterprise into any AES67 network, in addition to our own Axia Livewire network.
- Works directly with SIP endpoint telco or PBX services, and in conjunction with a PBX may support POTS, T1/E1, and ISDN BRI for maximum flexibility and cost savings.*
- Standards-based SIP/IP interface integrates with most VoIP-based PBX systems to allow transfers, line-sharing, Caller ID and common telco services for business and studio phones.
- Standard Ethernet backbone provides a common transport path for both studio audio and telecom needs, resulting in cost savings and a simplified studio infrastructure. Connection of up to 100 control devices (software or hardware) is possible.
- Modular, scalable system can be easily expanded and configured to manage a network of 60 or even more studios, each with a dedicated Program-On-Hold input—truly a "whole-plant" solution for on-air phones.
- Base system is licensed for up to 8 hybrids, and may be expanded in license increments of 8 up to a total of 120 hybrids. A Telos system engineering consultation is required for any system configuration over 72 hybrids. Please contact us at vx-presales@telosalliance.com for assistance.
- Each call receives a dedicated hybrid for unmatched clarity and superior conferencing.
- Native Livewire integration: One connection integrates caller audio, program-on-hold, mix-minus, and logic directly into Axia AoIP consoles and networks.
- Connect VX Enterprise to any radio console or other broadcast equipment using available Telos Alliance AES/EBU, Mixed Signal, and GPIO xNodes. Audio interfaces feature 48 kHz sampling rate and studio-grade 24-bit A/D converters with 256x oversampling.
- Powerful dynamic line management enables instant reallocation of call-in lines to studios requiring increased capacity.

VX Enterprise | The Whole-Plant Broadcast Talkshow System

- VSet Call Controllers™ with full-color LCD displays and Telos Status Symbols™ present producers and talent with a rich graphical information display. Each VSet features its own address book and call log.
- Drop-in modules can integrate VX Enterprise phone control directly into your Axia mixing consoles.
- XScreen Lite Screening software included.
- Clear, clean caller audio from 5th-generation Telos Adaptive Hybrid technology, including Digital Dynamic EQ, AGC, adjustable caller ducking, and send- and receive-audio dynamics processing by Omnia®.
- Wideband acoustic echo cancellation from Fraunhofer completely eliminates open-speaker feedback.
- Support for G.722 codec enables high-fidelity phone calls from iPhone and Android SIP softphones using an SIP server.

* Due to the wide variation in how traditional phone service can be delivered, and the complexities that can be involved in converting those services to SIP, we really want to talk with you about your system design before you order. Telos has VX System engineers standing by to help you draw up a configuration that will ensure your VX purchase will perform to your expectations when using traditional POTS and ISDN lines.

IN DEPTH

VoIP for Broadcast. From Telos, Naturally.

VX is the world's first VoIP (Voice over IP) talkshow system, and VX Enterprise is the next evolution of this legendary system, now with built-in support for AES67 in a 1RU chassis. This whole-plant broadcast phone system is incredibly powerful, very flexible, and highly scalable.

VoIP has already taken the business world by storm, increasing the flexibility of office phone systems and PBXs while simultaneously lowering maintenance and equipment costs. In fact, most Fortune 500 companies have replaced their older PBX systems with VoIP for just these reasons. There's no reason broadcasters shouldn't take advantage of this cost-saving technology as well. In addition to cost savings from digital phone service provisioning, VX Enterprise significantly eases the cost of installation, maintenance, and cabling by using standard Ethernet as its data backbone.

As a result VX Enterprise is naturally scalable, capable of serving even the largest of facilities. There are major operational benefits as well. VX Enterprise combines the flexibility and economy of modern SIP networking with powerful digital signal and audio processing—making it easier than ever for talent to take control of their phone system. You can move and share lines between studios at the touch of a button. VX Enterprise is truly the future of broadcast phones.

VX Enterprise | The Whole-Plant Broadcast Talkshow System

Why VoIP for Broadcast?

VoIP is a natural for broadcasters. Using VoIP, you can interconnect the phone system CPU with audio interfaces, phone sets, console controllers, and PCs running screening software using efficient, low-cost Ethernet. You can finally share phone lines among multiple studios and route caller audio anywhere in your facility, easily and instantly. Got a hot talk show that suddenly needs more lines in a certain studio? Just a few keystrokes at a computer and you're ready—no delays, and no cables to pull. VX Enterprise can even connect with your business office's VoIP PBX to facilitate easy call transfers.

Of course, it's got to sound good. And it does, thanks to more than two decades of DSP hybrid technology developed by Telos. Every incoming line has its own 5th-generation digital hybrid, our most advanced ever, packed full of technology engineered to extract the cleanest, clearest caller audio from any phone line—even noisy cellular calls. Multiple lines can be conferenced with superior clarity and fidelity. Smart AGC ensures consistent caller audio levels. New Acoustic Echo Cancellation from FhG removes feedback and echo in open-speaker studio situations. And if you choose to use SIP Trunking telco services, calls from mobile handsets with SIP clients, HD capable telephone sets and PC apps will benefit from VX Enterprise's native support of the G.722 codec, instantly improving caller speech quality.

Since VX Enterprise uses Ethernet as its network backbone, it naturally plugs right into Axia IP-Audio networks, connecting multiple channels of audio and control using a single Ethernet cable. If you don't have an IP-Audio network yet, that's OK; Telos Alliance xNodes provide AES audio and GPIO connections that work with your existing studio equipment.

VX Enterprise Components

VX Enterprise



VX Enterprise 1RU rack-mount device is the heart of the system. It provides all the call control and audio processing needed for the system, and supports up to 120 active calls on-air simultaneously. Its two Gigabit Ethernet ports provide a cost-effective interface to both telephone lines and studio audio via proven Livewire AoIP. VX Enterprise is Web-based, so remote control and configuration are a snap — engineers can work with it from any place they can get online.

VX Enterprise | The Whole-Plant Broadcast Talkshow System

Call-processing is sophisticated and flexible. Lines may be readily shared among studios; the Web interface allows easy assignment of lines to "shows," which can then be selected by users on the studio controllers. Each studio can provide its own Program-on-Hold audio to callers.

Audio processing features also have taken a leap forward. The processing power of VX Enterprise allows multiple calls to be conferenced and aired simultaneously, with excellent quality. The hybrids are equipped with a rich processing toolbox to make caller audio sound its best, no matter what kind of line or phone the caller uses. Caller audio benefits from Smart AGC coupled with famous Telos three-band adaptive Digital Dynamic EQ and a three-band adaptive spectral processor. Send audio gets its own sweetening with an AGC/limiter and FhG's Acoustic Echo Cancellation technology that literally eliminates open-mic feedback. Call ducking and host override are part of the VX Enterprise toolkit as well, and talent can manage and customize their telephone settings and workflow using VX Enterprise Show Profiles to store and recall commonly used show configurations.

You'll notice that there are no audio I/O or phone jacks on VX Enterprise. All connections to the Engine are via the two Ethernet jacks that connect to your system's Ethernet switch to support a wide variety of peripherals: telephone lines, Livewire studio audio, VSet phones, console-integrated controllers, etc. If you have a VoIP-based PBX or SIP endpoint telco service, VX Enterprise uses standard SIP (Session Initiation Protocol).

The Coolest Broadcast Phone Controllers Ever

With decades of experience designing broadcast phone systems, it's no wonder broadcasters agree that Telos makes the industry's most powerful, most flexible system controllers. All VSet phones can be powered by PoE from a Telos-approved switch, a PoE port on an Axia console engine, or by using a power injector.

VSet12



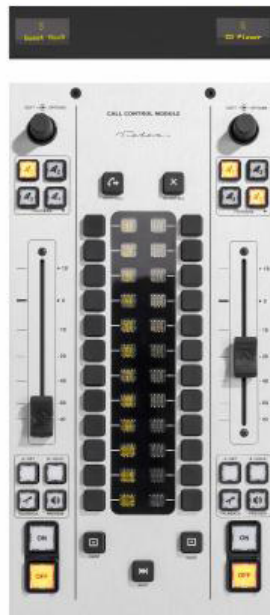
The VSet12 phone controller is an IP-based phone set with two large, high-contrast color LCD panels that provide line status and caller information. VSet phones can work like a traditional Telos controller, with calls being selected, held, and dropped in the way to which operators have grown accustomed. But because the VX Enterprise system is so powerful, much more functionality is unlocked: You can now spread multiple calls over a number of faders, using one for each call so that operators can control each line's level individually. You can hard-assign individual lines to fixed faders, such as for VIP calls.

VSet6



VSet6 is a 6-line phone controller for VX Enterprise. Like the VSet12, it has a bright, attractive LCD color display with Status Symbols that feed talent instant information about line and caller status, and controls that enable talent to step through queued calls, busy incoming lines, lock calls on-air, start an external recording device, et cetera. Next Call functionality speeds workflow for producers, screeners, and talent. With all the control functions of the VSet12, it's great for smaller or secondary studios.

On-Console Control



Live calls or pre-recorded, interviews or audience participation, one thing's certain: Phone segments are an integral part of today's fast-paced radio. But up to now, the phone system was separate from the on-air console; audio was shared, but little else. Wouldn't it be great if talent could take control of phones without ever having to divert their attention from the board?

They can: the Axia Console Controller provides the ideal way to integrate broadcast phones into the on-air console—the control center of every studio. VX systems connect directly to Axia consoles using Livewire+™ AES67 IP-Audio to eliminate the cost and complexity of old-style inputs, outputs, and mix-minuses. And now, VX Systems have the added flexibility of AES67 support. Multiple phone lines—each with a dedicated hybrid—can automatically map to individual console faders for complete control of caller audio. Multiple phone lines—each with a dedicated hybrid—can automatically map to individual console faders for complete control of caller audio. And users enjoy seamless console integration, with phone controls right on the board so that talent can dial, answer, screen, and drop calls without ever diverting their attention from the console. Information about line and caller status can be displayed right on the console as well.

There are plenty of other advantages to melding phones with consoles. Like ease of installation: IP-Audio consoles with built-in phone controllers don't need any additional wires or connections. Their control signaling, caller audio, and backfeeds ride on the network connection that's already there. Bringing caller audio into the IP-Audio domain makes it routable like any other audio source. With the Virtual Mixers built into Axia consoles, you could even choose to dynamically conference multiple lines and control their gain with a single fader.

Telos Alliance xNode Audio Interfaces

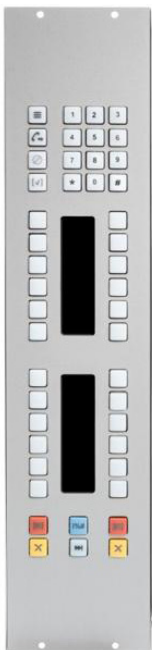


Telos Alliance xNodes let you connect VX Enterprise to any non-networked radio console or other broadcast equipment, using standard AES/EBU interfaces. A GPIO Logic xNode provides control logic where needed. To cover all your bases, the Telos Alliance Mixed Signal xNode provides one mic/line analog input (switchable); two analog line inputs (dedicated); three analog line outputs; one AES3 input, one AES3 output, and two GPIO ports, each with five opto-isolated ins and outs.

The Telos Alliance AES/EBU audio xNode 4 AES/EBU inputs and 4 AES/EBU outputs. Left and right input signals may be split and routed independently as mono signals. Stunning performance specs include 48 kHz sampling rate, 126dB of dynamic range, and <0.0003% THD.

Each Telos Alliance GPIO logic xNode interface provides six general-purpose logic ports each with five opto-isolated inputs and five outputs. A logic port can be associated with any audio input or output and routes control data transparently along with the audio.

VSet Call Controller



Want a VX Enterprise system, but don't have an Axia mixing console? No problem—Telos provides VSet Console Controller electronics packages, which may be fitted to your console using panels supplied by your OEM console provider or preferred third-party fabricator. Like the VSet12 phoneset, the VSet Console Controller provides visual line-status indicators and fast-take keys for selection and control of up to 12 callers, along with standard controls such as Take, Drop, Hold and Busy keys, and the Telos-exclusive "Next Call" key to speed workflow for producers, screeners, and talent. There's also a built-in keypad for on-console dialing of outgoing numbers.

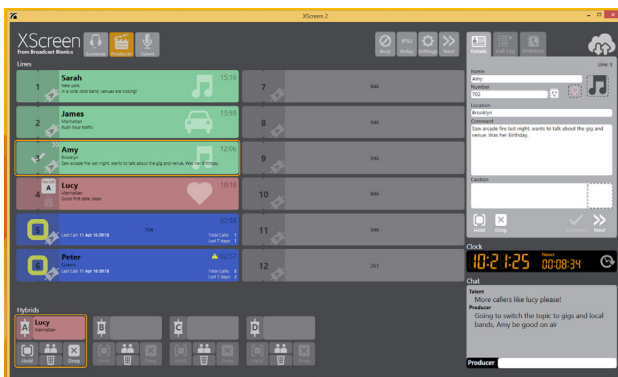
VX Enterprise | The Whole-Plant Broadcast Talkshow System

VSet Desktop Controller



The Telos VSet Desktop Controller with visual line-status indicators provides selection and control of up to 12 callers. Includes standard controls to allow fast, error-free talent operation, including Take, Drop, Hold, and Busy keys. Telos exclusive "Next Call" key speeds workflow for producers, and talent; built-in keypad allows on-hybrid dialing of outgoing numbers. VSet Desktop Controller works in producer mode only. Make and answer calls using VSet6, VSet12, or on hybrid with VSet Desktop Controller.

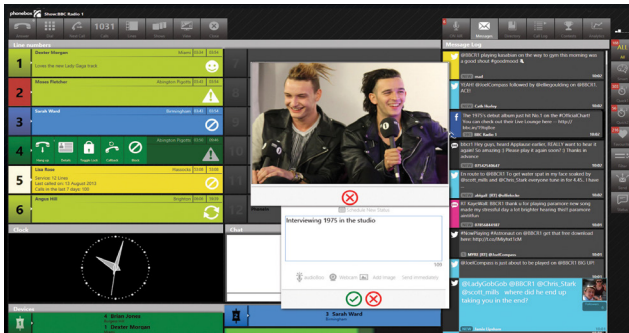
Broadcast Bionics XScreen Lite Call-Screening Software Included



XScreen Lite software comes with every VX Enterprise purchase and provides Unlimited Lite users, dial, hold, hang up, screened hold and next, conference control, dump mode, lock call, VSet control, telephone number, location, name, point & disposition, chat, clock, and call log (6 hours only) functionality. Please download your XScreen software from www.xscreen2.com.

VX Enterprise | The Whole-Plant Broadcast Talkshow System

Broadcast Bionics PhoneBOX VX



Broadcast Bionics offers PhoneBOX VX, a tailored-for-VX version of their original PhoneBOX software. PhoneBOX VX gives VX users an amazing amount of information and a high level of control over the VX system. There's prize management, call editing, and recording, sophisticated visual talkback, including a drag-and-drop database your show's calls, plus a rich phonebook and visual warnings, tied to Caller ID, for persistent or nuisance callers. Find out more from www.phoneboxvx.com.

NeoScreener by NeoGroup



NeoGroup offers NeoScreener, a call management solution that interfaces Telos NX12, NX6, IQ6, VX, HX6, 2x12 and 2101 systems, allowing for line control and database lookup using caller ID. The solution can interface to NeoWinners which is NeoGroup's contest management software. It is designed for radio and television stations that need to manage their flow of incoming phone calls.

NeoScreener also handles external inputs, like SMS, Website, iPhone. Database driven, it enhances the phone-call workflow. With NeoScreener, call screeners can easily welcome calls and present them to the Talent on a specific display. Visit www.neogroupe.com to learn more.

Arctic Palm CS Call Management

The CS Call Management package provides producers and talent with the tools to capture and control callers while staying in touch with each other in a single Caller Control window. Designed for the VX VOIP systems, both local and remote users are in constant communication. For more information, visit www.arcticpalm.com/CSScreener.htm.

SPECIFICATIONS

General

- Telos 5th-generation Adaptive Digital Hybrids
- Maximum number of hybrids: 120, when used with a-Law or u-Law codecs for VoIP lines. (Higher-quality codecs, such as G.722, consume more system resources and result in a decreased number of total lines available.) A Telos system engineering consultation is required for any system configuration over 72 hybrids. Please contact us at vx-presales@telosalliance.com for assistance.
- Maximum number of SIP numbers: unlimited
- Maximum active on-air calls: 120
- Maximum on-air calls on one fader: 12
- One rack unit - 1.75"H x 19"W x 15.5"D (44 x 483 x 394 mm)

Analog Inputs (with Telos Alliance xNode)

- Input Impedance: >40 k Ohms, balanced
- Nominal Level Range: Selectable, +4 dBu or -10dBv
- Input Headroom: 20 dB above nominal input

Analog Outputs (with Telos Alliance xNode)

- Output Source Impedance: <50 Ohms balanced
- Output Load Impedance: 600 Ohms, minimum
- Nominal Output Level: +4 dBu
- Maximum Output Level: +24 dBu

Digital Audio Inputs and Outputs

- Reference Level: +4 dBu (-20 dB FSD)
- Impedance: 110 Ohm, balanced (XLR)
- Signal Format: AES-3 (AES/EBU)
- AES-3 Input Compliance: 24-bit with selectable sample rate conversion, 32 kHz to 96kHz input sample rate capable
- AES-3 Output Compliance: 24-bit Digital Reference: Internal (network timebase) or external reference 48 kHz, +/- 2 ppm
- Internal Sampling Rate: 48 kHz
- Output Sample Rate: 44.1 kHz or 48 kHz
- A/D Conversions: 24-bit, Delta-Sigma, 256x oversampling
- D/A Conversions: 24-bit, Delta-Sigma, 256x oversampling
- Latency <3 ms, mic in to monitor out, including network and processor loop

VX Enterprise | The Whole-Plant Broadcast Talkshow System

Frequency Response

- Any input to any output: +0.5 / -0.5 dB, 20 Hz to 20 kHz

Dynamic Range

- Analog Input to Analog Output: 102 dB referenced to 0 dBFS, 105 dB "A" weighted to 0 dBFS
- Analog Input to Digital Output: 105 dB referenced to 0 dBFS
- Digital Input to Analog Output: 103 dB referenced to 0 dBFS, 106 dB "A" weighted
- Digital Input to Digital Output: 138 dB

Total Harmonic Distortion + Noise

- Analog Input to Analog Output: <0.008%, 1 kHz, +18 dBu input, +18 dBu output
- Digital Input to Digital Output: <0.0003%, 1 kHz, -20 dBFS
- Digital Input to Analog Output: <0.005%, 1 kHz, -6 dBFS input, +18 dBu output

Crosstalk Isolation, Stereo Separation, and CMRR

- Analog Line channel to channel isolation: 90 dB isolation minimum, 20 Hz to 20 kHz
- Analog Line Stereo separation: 85 dB isolation minimum, 20 Hz to 20 kHz
- Analog Line Input CMRR: >60 dB, 20 Hz to 20 kHz

VX Enterprise

IP/Ethernet Connections

- One 100/1000BASE-T Ethernet via RJ-45 LAN connection
- One 100/1000BASE-T Ethernet via RJ-45 WAN connection

Processing Functions

- All processing is performed at 32-bit floating-point resolution
- Send AGC/limiter
- Send filter
- Gated Receive AGC
- Receive filter
- Receive dynamic EQ
- Ducker
- Sample rate converter
- Line Echo Canceller (hybrid)
- Acoustic Echo Canceller

VX Enterprise | The Whole-Plant Broadcast Talkshow System

Power Supply AC Input

- Hot-swap capable dual-redundant internal auto-ranging power supplies. 90 – 132 / 187 – 264 VAC, 50Hz/60Hz. IEC receptacle, internal fuse.
- Power consumption: 150 Watts

Operating Temperatures

- -10 degree C to +40 degree C, <90% humidity, no condensation

Studio Audio Connections

- Via Livewire IP/Ethernet. Each selectable group and fixed line has a send and receive input/output
- Each studio has a Program-on-Hold input
- Each Acoustic Echo Canceller has two inputs (signal and reference) and one output
- Livewire+™ AES67 equipped studios may take and supply audio directly to/from the network. Telos Alliance xNodes are available for pro analog and AES3 breakout.
- VX Enterprise supports AES67 connectivity.

Telco Connections

- Audio: standard RTP. Codecs: g.711 μ -Law and A-Law, and G.722.
- Control: standard SIP Endpoint, ISDN PRI/T-1, ISDN BRI and POTS may be supported with the appropriate interfaces using an Asterisk Open source PBX.

Regulatory

North America: FCC and CE tested and compliant, redundant power supplies are UL approved.

Europe: Complies with the European Union Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS), as amended by Commission Decisions 2005/618/EC, 2005/717/EC, 2005/747/EC (RoHS Directive), and WEEE.

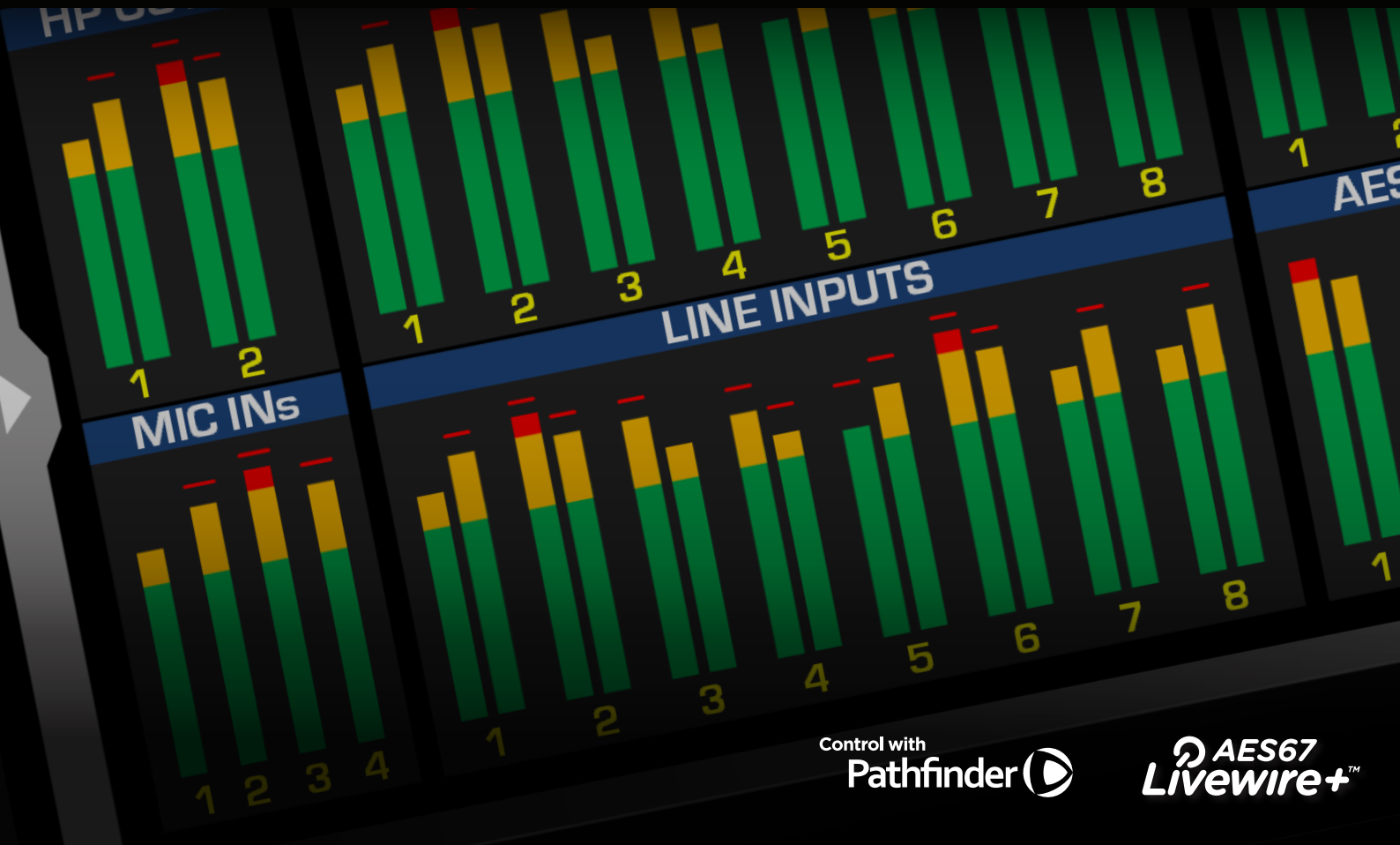
Axia® StudioEdge



The all-in-one I/O solution for studios, control rooms, and TOCs.



Axia® StudioEdge High-Density I/O Edge Platform



Control with
Pathfinder 

 AES67
Livewire+™

Abundant I/O plus a dedicated AoIP network switch



Overview

StudioEdge is a high-density endpoint device combining an abundance of audio I/O with a dedicated five-port AoIP network switch with PoE in a single fanless 2RU rack-mounted package.

StudioEdge provides four selectable mic/line inputs, eight dedicated line inputs and outputs, and three digital inputs and outputs that are user-configurable as AES/EBU, S/PDIF, and USB Audio, which eliminates the need for an IP driver for stereo applications. It also includes two headphone outputs with independent DACs and built-in amplifiers, a built-in audio file player via USB data port, and four GPI/O ports.

A second redundant internal power supply is optionally available.

Features

- Fanless design for silent in-studio use.
- 5" color IPS LCD touchscreen display
- Front panel UI for local control of routing, I/O, and audio levels
- Single internal power supply (second internal PSU optional)
- Dedicated 5-port AoIP network switch with PoE
- 4 selectable mic/line inputs
- 8 dedicated line inputs/line outputs
- 3 digital inputs/outputs (user-configurable combinations of AES/EBU, USB Audio, and S/PDIF)
- USB Audio I/O eliminates the need for an IP driver for stereo applications
- 2 headphone outputs with independent DACs and built-in amplifiers
- 4 GPI/O ports
- Built-in audio file player via USB data port
- 8 output monitor matrix system
- Livewire+ AES67 stream capacity of 32 inputs and 32 outputs

Front panel color touchscreen display and UI



In Depth

StudioEdge is a high-density endpoint device. Designed as an all-in-one “super node” with a comprehensive and versatile array of inputs and outputs, it perfectly complements the Telos Alliance xNode family of products. In addition to its generous I/O, StudioEdge includes a dedicated five-port AoIP network switch with PoE, all in a single, 2RU rack-mounted package.

StudioEdge is at home in control rooms of any size, as a compact endpoint in Quasar SR- and XR-equipped studios, or as an ingest station or routing and monitoring solution in TOCs and machine rooms. There are four selectable mic/line inputs, eight dedicated line inputs and outputs, three digital inputs and outputs that are user-configurable as AES/EBU, S/PDIF, and USB Audio, which eliminates the need for an IP driver for stereo applications. Its generous Livewire+ AES67 stream capacity offers thirty-two inputs and thirty-two outputs. An eight-output monitor matrix system provides for flexible monitoring. StudioCore also includes a built-in audio file player via its USB data port and four GPI/O ports.

Its front panel boasts a 5” color IPS LCD touchscreen display that is viewable from any angle. Its UI provides complete local control of routing, I/O, and audio levels. Two dedicated headphone outputs with independent DACs and built-in amplifiers easily and cleanly drive low- and high-impedance headphones. Its fanless design ensures studio-friendly silent operation.

StudioEdge’s easy-to-configure built-in 5-port Ethernet switch with PoE makes connecting to other compatible devices on the AoIP network simple and straightforward.



**Fanless design
for silent
in-studio use**

Specifications

Connections

- Microphone/Line 1-4 Inputs: 4x balanced Combo (XLR-F + TRS Jack), with selectable phantom power on mic inputs
- Analog 1-8 Inputs: 8x RJ-45, StudioHub+ standard
- Analog 1-8 Outputs: 8x RJ-45, StudioHub+ standard
- AES/EBU 1-3 Inputs: 1x RJ-45, custom pinout; input 1-2 compatible with StudioHub+ standard adapters
- AES/EBU 1-3 Outputs: 1x RJ-45, custom pinout; output 1-2 compatible with StudioHub+ standard adapters
- GPIO: 4x DB-15 female connectors, standard Axia pinout
- Livewire+/AES67
 - 1x 1000BASE-T with PoE+, RJ-45
 - 2x 1000BASE-T with PoE, RJ-45
 - 2x 1000BASE-T, RJ-45
- Option/WAN
 - 1x 1000BASE-T, RJ-45

Microphone Inputs 1-4

- Input Type: MIC/LINE selectable, electronically balanced
- Input Impedance: 2k ohms minimum, balanced
- Preamp Gain Range: Adjustable, 0dB (Line), 8dB .. 63dB in 1dB steps (Mic)
- Digital Gain Range: Adjustable, -100dB to +27dB on all Line Inputs
- ADCs Type: 32-Bit
- Maximum Input Level: +18 dBu
- Frequency Response: +/-0.25dB @ 20Hz to 22kHz on all Mic/Line Inputs
- THD: < 0.0012% (-98dB) @ 1kHz, -1dBFS (+17dBu)
- Dynamic Range: -112dB A-Weighted, -110dB unweighted
- S/N Ratio: -110dB (Unweighted)
- EIN: -128 dBu, 150-ohm source, -50 dBu input level
- Phantom Power: 48V switchable, 14mA per channel

Mic/Line inputs with selectable phantom power plus analog and AES/EBU I/O



Analog Line Inputs 1-8

- Input Type: Electronically Balanced
- Input Impedance: 12k Ohms
- ADCs Type: 32-Bit
- Digital Gain Range: Adjustable, -100dB to +27dB on all Line Inputs
- Maximum Input Level: +24 dBu
- Frequency Response: +/-0.25dB, 20Hz to 22kHz, on all Line Inputs
- THD: < 0.0017% (-95dB) @ 1kHz, -1dBFS (+23dBu)
- Dynamic Range: -112.5 dB (A-Weighted), -109.5dB (Unweighted)
- S/N Ratio: -110dB (Unweighted)
- Idle Noise: -112.5 dB (A-Weighted), -109.5dB (Unweighted)

Digital Audio Inputs 1-3

- Signal Format: Switchable AES/EBU (AES3), S/PDIF, USB Audio (Class 1.0), 24-bit
- ADC Type: 32-bit, Delta-Sigma, 256x oversampling
- Reference Level: +4 dBu (-20 dBFS)
- Impedance: 110 Ohm balanced (AES3), 75 Ohm (S/PDIF)
- SRC Type: 24-bit switchable on all inputs
- Digital Reference: Internal (network timebase) or external reference 48 kHz, +/- 2 ppm
- Internal Sampling Rate: 48 kHz
- SRC THD+N: -125dB, 22Hz to 24kHz @ -1dBFS

Analog Line Outputs 1-8

- Output Type: Electronically Balanced
- DAC Type: 32-Bit
- Digital Gain Range: Adjustable, -127.5dB to 0dB, 1dB step on all Line Outputs
- Maximum Output Level: +24 dBu
- Frequency Response: +/-0.1dB, 10Hz to 22kHz on all Line Outputs
- THD: < 0.013% (-77.5dB) @ 1kHz, -1dBFS (+23dBu)
- Dynamic Range: -114 dB (A-Weighted), -111.5dB (Unweighted)
- S/N Ratio: -111dB (Unweighted)



Livewire+ AES67 AoIP with 32 inputs and 32 outputs

Digital Audio Outputs 1-3

- Signal Format: Switchable AES/EBU (AES3), S/PDIF, USB Audio (Class 1.0), 24-bit
- DAC Type: 32-bit
- Reference Level: +4 dBu (-20 dBFS)
- Impedance: 110 Ohm balanced (AES3), 75 Ohm (S/PDIF)
- SRC Type: 24-bit switchable on all outputs
- Digital Reference: Internal (network timebase) or external reference 48 kHz, +/- 2 ppm
- Internal Sampling Rate: 48 kHz
- SRC THD+N: -125dB, 22Hz to 24kHz @ -1dBFS

Headphone Outputs 1-2

- Output Type: Stereo unbalanced, with headphone plug detection
- DAC Type: 32-bit

Operating Temperatures

- -10 degrees C to +40 degrees C, <80% humidity, no condensation



Axia Quasar™ AoIP consoles are the ultimate mixing machines, putting power at your fingertips for the best content creation in broadcast. Including XR and SR models—the Quasar family offers broadcast engineers and less seasoned board operators alike boundless production possibilities, modularity, scalability, and workflow flexibility.



Axia Quasar™ AoIP Consoles

The Ultimate Mixing Machines



Control with
Pathfinder

AES67
Livewire+



Mature, Sophisticated AoIP Technology

Realize the Power of AoIP

Tap into the power of AoIP with Axia Quasar™, our sixth-generation of AoIP consoles and the industry-standard in mixing excellence. Powered by mature and sophisticated AoIP technology from Telos Alliance®—the inventor of AoIP for broadcast—Quasar is designed for steadfast reliability with no single point of failure.

Quasar is part of the vast Livewire+™ AES67 ecosystem, making communication with other devices on the network easy by allowing detection, sharing, and control of audio resources across multiple studios connected to the network. With Quasar, AoIP's promises of built-in redundancy, cost-efficiency, ease of use and setup, and system scalability are fully realized.

The Pinnacle of Console Design

Designed based on extensive global customer feedback and ergonomic studies, Quasar consoles deliver pride of ownership with their exquisite appearance and high-quality architecture, including scratch-resistant work surfaces and components rugged enough for a lifetime of use. All parts subject to wear are industrial-, automotive-, or even avionics-grade.

The absence of an overbridge makes for easy desk installation, and the console is fanless for quiet operation, with redundant load-sharing power supply units. High-resolution color TFT displays and RGB pushbuttons are used throughout.

Reinforcing its innovative design, Quasar received the RedTech Award for Ergonomics and the IBC Best of Show Award.

Touch Control and Touch Sensors Built-In

Quasar consoles have a sleek, easy-to-operate, industrial-grade 12.1-inch touchscreen user interface that is so familiar, you'll be acquainted with the operation of the console within minutes. Two types of UIs are available—Expert and Simplified—to cover all user workflow requirements. Quasar does not require an external display to function thanks to its touchscreen, although you can connect an external monitor via the rear HDMI port to show a duplicate of the touchscreen interface. In addition, all Quasar consoles offer touch-sensitive Encoders, Faders, and User Buttons, offering responsive user interaction and bringing Quasar's dynamic UI closer to your fingertips.

Expanded Remote Control & Monitoring Capabilities



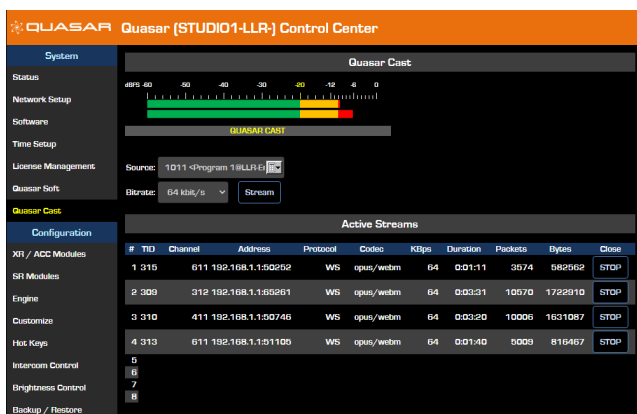
Customizable and Easy to Use

Whether you are a seasoned broadcast engineer or a guest board operator, the Quasar family has a console for you that extends the right mix of features and customization to allow your content to shine. Expert Source Profile controls allow power users a granular definition of custom logic associated with each source. The user can program GPIO control, mix-minus routing, talkback, and other functions based upon console channel state. Flexible Record Mode gives complete control of monitors, meters, headphone feeds, program bus assignments, and more. Additionally, Show Profiles allow up to 4,000 console “snapshots” with different settings, layouts, and defaults loaded instantly, customizing the board to each show requirement or talent preference, if desired. Finally, automatic mix-minus and automixing are available on all channels.

Remote Control & Monitoring



Quasar Soft - Unlock your XR or SR's remote capabilities with the optional Quasar Soft Software Upgrade. This customizable remote control solution lets you control your Quasar surface from a browser. You can generate up to eight HTML-5 pages and configure them to display any of the 64 input channels, plus a small monitor section, or even the entire master section of the console.



Quasar Cast - Included as part of the Quasar Soft license, Quasar Cast is a remote monitoring solution that lets you listen to any Livewire stream in the network through the same web browser. Quasar Cast generates a compressed OPUS stream from a source in the Livewire® network and can serve up to eight clients (including Quasar Soft instances). With Quasar Cast, you can listen to what is happening in the studio, and on the air, while you operate the console remotely using Quasar Soft.



Quasar XR AoIP Console

Quasar AoIP Consoles

Quasar XR - Unlimited Production Possibilities



Quasar XR is our top-of-the-line mixer. As such, it features extensive metering built into the surface right where it needs to be—on every channel display and next to each fader, as well as on the monitor module. These LED meters allow users to live mix rather than merely confidence monitor, giving users active control over their environments for the best possible outcome.

Quasar XR also includes standard motorized faders - a must for addressing complex workflows requiring the use of layers, recalling entire console configurations which include pre-set fader positions, or when controlling the surface remotely. XR also features dynamic fader module assignment, allowing the user to freely assign Fader modules to a Master module, and making it possible to connect Fader modules between two consoles.

Quasar offers Quasar Soft and Quasar Cast remote control and monitoring solutions, delivers full integration with Telos Infinity® IP Intercom products, and adds support for new Quasar Accessory Modules, along with numerous other powerful features. This advanced scalability addresses new workflows, like Work from Home, and gives broadcasters more flexibility when it comes to the number of channels they need in their Quasar Engine, starting at 16 channels and scaling up in blocks of 16 channels up to 64 channels.

Quasar SR AoIP Console



Quasar SR - The Power of Simplicity



Quasar SR is the direct replacement for Axia's best-selling Fusion console. If you like Fusion, you'll love Quasar SR—which is comparable to the Fusion console in both price and feature set but also delivers all the power, ergonomics, industrial design, and star appeal of our flagship Quasar XR console.

Quasar SR is not reserved for the most knowledgeable broadcaster but is approachable to any board operator thanks to its streamlined surface design. Quasar SR uses the same frame, power supply, and master module as Quasar XR, but the fader modules are non-motorized, and there are fewer, larger, and easier-to-reach buttons on each channel strip. If the LED meters next to each fader on the Quasar XR console are a bit too much functionality for your surface, then Quasar SR might be the solution for you, featuring Confidence Class Metering only. For a complete comparison between Quasar XR and SR, see our Quasar Consoles Comparison Chart below on the next page.



Quasar Family Console Features

Quasar Console Features

Control Surface Dimensions (XR & SR)

Width: from 428mm / 16.85" (4 faders+Master) to 1360mm / 53.54" (28 faders+Master)

Depth: 580mm / 22.83"

Height: 110 95mm / 4.33 3.74" (table-top frame with rubber feet)

Configurations

Available in sizes from 4 to 24 faders per frame, with support for up to 64 faders with Quasar XR and up to 32 faders with Quasar SR in multiple linked frames. Frames are available in both tabletop or flush-mount versions and can be converted from one type to the other with a special kit.

Feature	Quasar XR	Quasar SR
Use	Broadcast studios of any size OB Vans	Broadcast studios of any size
Surface Scalability	Up to 64 faders 16 XR-4FAD Modules per logical console	Up to 32 faders 8 SR-4FAD Modules per logical console
Built-in, modular fanless PSUs with redundant option	Up to 4 PSU modules per console frame	Up to 4 PSU modules per console frame
Quasar Soft & Quasar Cast	Optional License	Optional license
User-Assignable Buttons	All channel strip buttons user-assignable	All channel strip buttons user-assignable

Quasar Family Console Features



Feature	Quasar XR	Quasar SR
Faders	High-quality motorized	High-quality non-motorized
Surface Layout	Extensive set of hardware controls available. Four User Keys available on each channel strip	Simpler surface layout for self-operated workflows. Fewer, bigger, and easier-to-reach buttons. One User Key per channel strip
Channel Strip Audio Meters	High-Res LED bars + confidence meters in display	Confidence class meters only
Build Quality	High-quality components, rugged, ergonomically designed, industrial PCAP touchscreen, no overbridge	High-quality components, rugged, ergonomically designed, industrial PCAP touchscreen, no overbridge
Touchscreen	Included with console	Included with console
Frame Type	Up to 8.5U, single or split	Up to 8.5U, single or split
Dynamic Assignment of Fader Modules	Possible	Not possible

Quasar System Components



Quasar System Components

Quasar Engine



Quasar XR and SR surfaces are powered by the Quasar Engine, a native AoIP powerhouse with 16 stereo channels, expandable to 64 channels. It offers 4-band fully parametric EQ and powerful dynamics processing including talent headphone processing, True Peak limiting on Program, Record, and Phone buses, a dedicated low-latency peak limiter on every input channel, variable position insert sends and returns, and automixer on every channel. Quasar Engine includes four program buses and eight auxiliary buses, four Surface Layers, and a Virtual Mixer (VMix) with 16 independent 5-channel VMixers to extend the mixing capacity of your Quasar console far beyond the physical fader count. Extended AES67 functionality brings full compliance to all engine inputs, outputs, and monitoring sections, and adds PTP synchronization. Redundant power is standard with this mix-engine platform. The Quasar Engine is fan-cooled, while the Quasar console is completely fanless.

Quasar Engine RPS



Based on the proven Quasar Engine, Quasar Engine RPS brings many of the features and functions normally managed in the control surface to the engine itself. This makes it possible to create a standalone mixer without the need for an actual XR or SR surface, instead using the browser-based Quasar Soft user interface.

Quasar System Components



Quasar Mic Control/Headphone Selector Accessory Module

The Quasar Mic Control/Headphone Selector Module can be mounted in tabletops or turrets. Studio Guest Position control provides remote control of mic on/off functions; dedicated Mute and Talkback buttons give talent full control of their position.

A volume/selection knob allows users to select their headphone monitor source; display readout confirms their choice. You can also use the module as an additional channel strip for your surface, mountable in a remote location.



Quasar Motorized Fader Accessory Module (optional)

The Quasar Motorized Fader Accessory Module is similar to the Mic/Headphone Selector module but includes a high-quality motorized fader that allows control of any of the Quasar Mic channels.





Quasar System Components



Quasar SmartKey Module

The Quasar SmartKey Module is a 2-channel wide surface module for Quasar XR and SR surfaces which adds up to four blocks of six programmable user keys. Each key can be programmed to display user-defined text using Axia Pathfinder Core PRO.



Quasar Mic In / Headphone Out Console Module

The Quasar Mic in/HP out Module is an optional 1ch-wide module that can be placed anywhere on the surface to add a convenient Talkback Input and headphone Output to your Quasar. It comes with its own headphone amp board that must be plugged into the Quasar Rear I/O module, to let the console receive any line signal and turn it into a high-quality, hi-power headphone output.

Quasar System Components

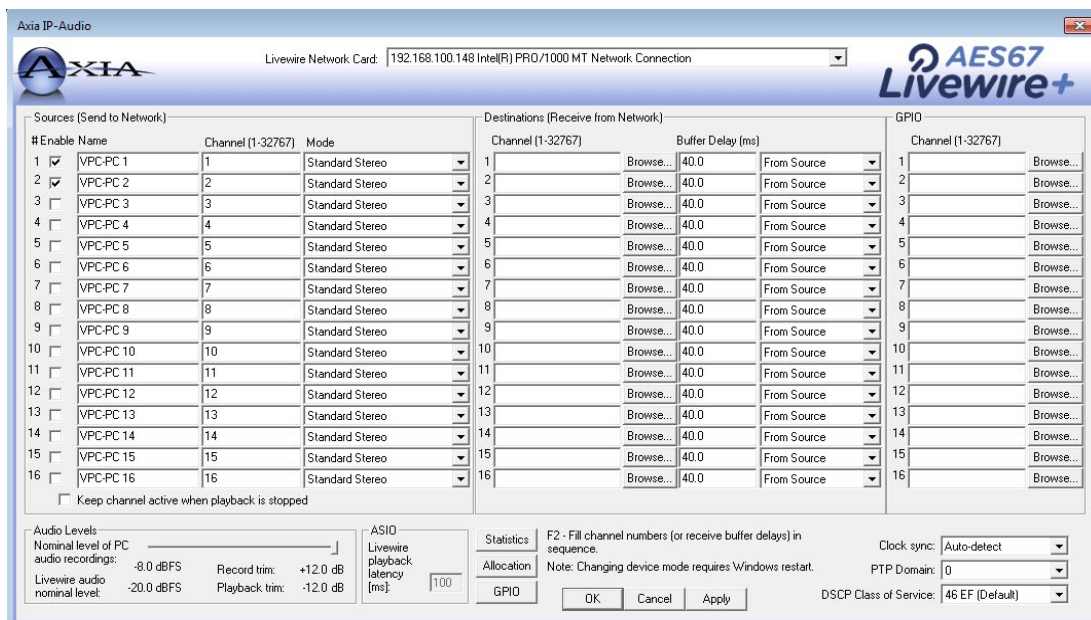


Axia Console GPIO Accessory Module

The Quasar GPIO Accessory Module is an in-studio accessory for remote control of mic on/off functions including Mute and Talkback buttons. The GPIO Module can be mounted in tabletops or turrets. Requires one free Axia® GPIO port per module and works with legacy Axia Fusion® consoles, the iQ family of consoles, and Quasar XR and SR consoles.

Axia® Livewire+™ AES67 IP-Audio Driver

Pure Digital Audio from Networked PCs



OVERVIEW

The Axia Livewire+ AES67 IP-Audio Driver is one of the first AES67-Compliant* IP Drivers. It lets you send and record single or multiple channels of stereo PC audio directly to and from Axia networks via Ethernet — no sound cards needed. Up to 24 channels of stereo audio can be sent simultaneously over a single CAT-5 Ethernet connection.

FEATURES

- AES67-compliant IP-audio driver.
- Sends audio sources to the Livewire® / Livewire+ AES67 network from PC/Windows audio applications such as multichannel delivery systems and other audio players.
- Receives audio from the Livewire / Livewire+ AES67 network to destinations on the PC/Windows system, such as audio recording applications.
- GPIO function conveys “button-press” data from the Livewire /Livewire+ AES67 network to destination applications; i.e., a console fader start button can command a PC/Windows-based audio player to start playback.
- The Axia Livewire+ AES67 IP-Audio Driver single-stream version emulates a standard sound card, with one stereo audio output device and one stereo audio input device. This version is suitable for typical two-channel (stereo) playback or recording applications.
- Axia Livewire+ AES67 IP-Audio Multichannel OEM versions emulate 4, 8 or 24 stereo channel sound cards (depending upon installed version), with one stereo audio output device and one stereo audio input device per “sound card.” These versions are intended for more complex professional applications.
- Supports 5.1 surround audio streams as well as stereo, configurable on a per-stream basis.
- Windows version includes WDM and ASIO versions for maximum system flexibility.

IN DEPTH

Pristine PC Audio: No Sound Card Required

Way back when enormous cart machines still roamed the earth freely, we used XLR connectors to get recorded audio into the console. But when PCs replaced the cart machine, we continued to connect to their sound cards with plain-Jane XLRs and a thick bundle of discrete wires that can't carry logic, PAD or any of the useful information that PC playout systems provide. Why? With the Axia Livewire+ AES67 IP-Audio Driver, there's a better way, and it's now AES67-compliant. We've added the ability to sync to PTP, support to define multicast address outside of the Livewire range, and added SIP/Unicast support for RTP streaming.

The PC is the heart of the modern radio studio. And Axia makes it easy to connect and exchange pristine digital audio with it. The Axia IP-Audio Driver for Windows is a special Windows driver that feeds your digital audio directly from your PC's Ethernet port to the Livewire / Livewire+ AES67 network. Up to 24 stereo playback channels and 24 stereo record channels can be accessed using our multi-stream driver that's provided by your favorite digital delivery system provider; a single-play/single-record version is available for audio workstations.

The IP-Audio Driver also provides GPIO-like start/stop and other control functions over the same network. It's available with the latest versions of high-end Windows audio delivery and editing software applications such as those from BSI, Burli, DAVID Systems, Dalet, ENCO, iMediaTouch, Netia, RCS, WideOrbit, and Zenon Media (to name just a few) and for Linux-based Rivendell through Paravel Systems—more than 50 systems and counting.

The Windows version of the IP-Audio Driver is available to broadcasters directly from Axia in 1-Stream and 4-Stream versions, and from Axia Delivery System Partners in 8-Stream and 24-Stream versions. Linux versions are available from our partner, Paravel Systems. For a full listing of Axia Delivery System Partners, visit www.TelosAlliance.com/Partners.

SPECIFICATIONS

Microsoft Windows™ Operating System Requirements

- Windows 7 and Windows 7 Pro (32- and 64-bit editions)
- Windows 8
- Windows 10 (32- and 64-bit editions)
- Minimum hardware requirements specified for your Windows operating system are sufficient to run the Axia IP-Audio Driver.

Linux Operating System Requirements

- The Axia IP-Audio Driver for Linux is sold exclusively through Paravel Systems. Please contact them at ParavelSystems.com/contact-us/

* One of our goals at the Telos Alliance is to further the adoption of AES67, the standard for Audio over IP designed to allow interoperability between various IP-based audio networking systems. And while these two words may sound the same, the differences between AES67 *compliance* and *compatibility* is huge. AES67, like all standards, can be minimally implemented. And when standards are minimally implemented, they minimally get the job done. Simply put, compliance means that every single aspect of the AES67 standard—like Unicast mode, for example—is met. Livewire+ AES67 is fully AES67-compliant.