

SHERRARD COMMUNITY UNIT SCHOOL DISTRICT #200
P.O. BOX 369
SHERRARD, ILLINOIS 61281

INSTRUCTION TO BIDDERS

Sherrard Community Unit School District #200 is accepting bids for the replacement lighting in the SHS Auditorium. District #200 will receive bids during regular working hours at the Sherrard Community Unit School District #200 Office, 507 3rd Street, Sherrard, Illinois, or by mail at P. O. Box 369, Sherrard, Illinois 61281 until 10:00 a.m. on July 13, 2026. All bids must be sealed and plainly marked on the front, left hand side of the envelope, "FY27 Auditorium Lighting Bid". All sealed bids meeting delivery requirements will be opened at 10:00 a.m. on July 13, 2026 at the Sherrard Community Unit School District #200 Office, 507 3rd Street, Sherrard, Illinois. Bids will be awarded at the Meeting of the Board of Education, scheduled for Wednesday, July 15th, 2026, at 5:00 p.m. at Sherrard Unit Office, 507 Third Street, Sherrard, Illinois.

Scope of Work Includes Auditorium, Stage, Lighting Booth and Electrical Closet

Pre-bid walk throughs can be arranged by calling the Unit office at (309)593-4075

Demo

- Existing Lighting:
 - House Lights
 - Theatrical Fixtures
 - Existing Dimmer System and control components
 - Theatrical Fixtures (Non-Retrofitable)

Owner Furnished Equipment (OFE)

- 20 - ETC Source 4 Leko that can be retrofitted
- High Voltage Connector Raceways for power distribution to the new theatrical lighting fixtures

New:

Front Light:

- 10 (existing) ETC Source Four Leko fixtures to be retrofitted with warm white LED lamp modules, providing consistent, energy-efficient front wash lighting for general stage illumination.
- 6 (existing) ETC Source Four Leko fixtures to be retrofitted with full-color LED lamp modules, allowing for color mixing and dynamic front lighting effects when required.
- Appropriate rigging hardware for each fixture, including rated pipe (Perlin) clamps and safety cables, ensuring safe and compliant installation.
- DMX control cabling to integrate all fixtures into the lighting control system for centralized programming and operation.
- Power distribution and cabling for all fixtures, properly routed and secured to support reliable operation and maintain a clean installation.

House Lights:

- Removal of existing house and wall sconce lighting fixtures. Cover plates will be installed at locations where fixtures are removed and not replaced, ensuring a clean and finished appearance.
- Installation of eight (8) pendant-style house lights evenly distributed throughout the seating area to provide balanced illumination and consistent lighting coverage across the entire house.
- Four (4) recessed lighting fixtures to be installed above the upper seating section to provide additional illumination over the entrance and rear seating areas
- Pendant fixtures will utilize existing house lighting electrical locations for power and connectivity where feasible, minimizing the need for additional electrical infrastructure.
- Pendant fixtures will be installed at an appropriate mounting height to maintain a clean visual aesthetic while ensuring they do not obstruct or interfere with the stage front lighting system.
- All house lighting fixtures will utilize warm color temperature lamps to create a comfortable and inviting environment for the audience.
- New control cabling will be installed to integrate all house lighting fixtures into the lighting control system, allowing centralized control and future flexibility for dimming and scene management.

Stage & Performance Lights:

- Full Color LED Stage Lekos; 4 (existing) ETC Source Four Leko fixtures to be retrofitted with full-color LED lamp modules, allowing for color mixing and dynamic front lighting effects when required as a side wash; DMX control cabling to integrate all fixtures into the lighting control system for centralized programming and operation. Power distribution and cabling for all fixtures, properly routed and secured to support reliable operation and maintain a clean installation.
- Full Color LED Fresnels; 10 Chauvet Fresnel fixtures will be installed to provide upstage front wash and downstage wash lighting when mounted on the 1st Electric, delivering even stage coverage and flexible color capability; DMX control cabling to integrate all fixtures into the lighting control system for centralized programming and operation; Power distribution and cabling for all fixtures, properly routed and secured to support reliable operation and maintain a clean installation.
- Full Color LED Cyc Lights; 5 Chauvet cyc lighting fixtures will be installed to provide even downstage wash illumination for the cyclorama (cyc) and other scenic elements; These fixtures will be mounted on the Second Electric to achieve proper coverage and uniform color blending across the backdrop and scenery; DMX control cabling to integrate all fixtures into the lighting control system for centralized programming and operation; Power distribution and cabling for all fixtures, properly routed and secured to support reliable operation and maintain a clean installation.
- LED Stage Work Lights; 4 LED stage work lights will be installed to provide general illumination of the stage area during set construction, maintenance activities, and rehearsals when the primary theatrical lighting system is not required.; these fixtures will provide efficient, practical lighting for day-to-day stage operations, improving visibility and safety for technical staff and performers during non-performance use. Power and control connections will be provided as required to ensure reliable operation and easy access for routine use.

Lighting Booth:

- Lighting Console
 - Provide a new ETC Ion lighting console to support student instruction in lighting design and programming. The console will allow students to develop foundational skills on an industry-standard platform and apply those skills to other professional lighting systems, enhancing their understanding of real-world production environments.
 - Provide displays, keyboard, mouse, and a backup UPS power supply to ensure reliable and proper operation of the system.
 - Provide all required control interconnect cabling.
- Preset Panel
 - Provide a four (4) button preset panel to enable playback of three (3) preset lighting looks without requiring the lighting console to be powered on. The panel shall also include an Off/Record button.
 - Intended for small lectures, general room use, cleaning, and small events where no lighting changes are required.
 - Provide engraved or clearly printed labeling for each button on the panel.
- DMX Programming Port
 - A network port is provided to allow for the lighting console to be connected to the system, to allow for control of the entire lighting system over DMX network protocols
- DMX Output Port
 - DMX output to be provided from the control box cabinet to the front wash lighting fixtures; DMX output to be provided from the control box cabinet to the following locations: 1st Electric; 2nd Electric; Wall Stage Left; Wall Stage Right.

Electrical Raceway Labeling:

- Circuit relabeling will be completed to reflect the updated electrical distribution and circuitry layout. All electrical circuits and associated components will be clearly labeled to ensure accurate identification of each circuit and its corresponding load. Updated labeling will provide clear documentation for operation, maintenance, and future troubleshooting, ensuring technicians can easily identify and manage the system. Labeling will be applied using durable professional-grade identification methods to maintain long-term legibility and consistency with industry standards.

DMX Control System Cabinet:

- Installation of the main processing unit for the DMX infrastructure to control all the new LED lighting fixtures and provide control routing.
- System inputs
 - Wall preset panels
 - Lighting Booth
 - Auditorium Entrance
 - Backstage
 - Programming Ports
 - Lighting Booth
 - Backstage Right

- System DMX Outputs
 - FOH Electric, Stage 1st Electric, Stage 2nd Electric, Stage Right Wall, Stage Left Wall, House Lighting, Power Relay Control
- System to allow for up to 4 universes of lighting control

Electrical Panel - Dimmer Replacement:

- Existing Dimmer Panel to be removed and a provided Lyntec 3Ø, 4 Wire, 208Y/120 Vac, 225A Main, 41 breaker spaces
- The existing dimmer circuits are to be removed from the current dimmer panel and divided across 20 new relay circuits included in the above Lyntec Panel
- 6 - 20 amp standard breakers are provided to give power to the house lights and other devices that need non-relay power
- Low Voltage Control provided to the electrical panel's sidecar control to allow for control of all the relays

Equipment List:

System/ QTY/Description

Infrastructure 5 XLR 5 pin Female Wall Panel output
 Infrastructure 5 1 Gang Surface Mount Gang Box - Black
 Infrastructure 1 Pathway DIN System Enclosure
 Infrastructure 2 Pathway DIN Mount DMX Gateway - 4-Ports
 Infrastructure 1 Pathway Power Supply, DIN-mount, Compression Fit
 Terminal Infrastructure 1 Pathway VIA DIN Mount Ethernet Switch
 Infrastructure 1 500VA Smart Battery Backup UPS
 Infrastructure 1 1500VA Battery BackupUPS
 Infrastructure 1 ETC Ion XE 20 Lighting Control Console
 Infrastructure 1 6 Outlet Power strip/Surge Protector
 Infrastructure 2 24" Touchscreen Monitors
 Infrastructure 2 RJ45 D-Series Wall ports
 Infrastructure 10 Faceplate, 1 Gang, Black w/ label
 Infrastructure 3 Pathway 4 button Vignette Wall Station
 Lighting 32 10' DMX Cable
 Lighting 6 15' DMX Cable
 Lighting 14 5' DMX Cable
 Lighting 34 12 GAUGE POWER CABLE, True 1 Female, L5-20 Male
 Lighting 10 AC Power Extension Cable, 10'
 Lighting 6 AC Power Extension Cable, 5'
 Lighting 10 Chauvet Ovation F-415 FC
 Lighting 5 Chauvet Ovation Cyc 1 FC
 Lighting 4 ETC Ellipsoidal 50° lens tube, black
 Lighting 10 ETC S4WRD-COLOR II RETROFIT KIT W/ED BLK
 Lighting 20 ETC S4WRD RJ45 TO XLR ADAPTER ACCESSORY
 Lighting 11 House Light Cover Plates
 Lighting 12 Chauvet Ovation H-265WW - WHITE

Lighting 4 Chauvet Ovation House Light Recess Kit

Lighting 39 Galvanized Safety Cable w/ 5/16 Inch Springhook 30 Inch Black

Lighting 4 Chauvet Ovation 2WL DMX Work Lights

Lighting 23 The Light Source - Uni-Bolt for Unistrut Channel Black

Lighting 16 The Light Source - Purlin Clamp, 1/2-13 Fasteners, 1.5" Thk

Lighting 10 ETC S4WRD UL LED RETROFIT W/ED BLK V2

Power 1 Lyntec LCLC 341-20 Lighting Control Load Center. 3Ø, 4 Wire, 208Y/120 Vac, 225A

Main Power 20 Lyntec MB-20 Motorized Breaker, Square D

Power 6 Lyntec UMB-20 UnMotorized Breaker, Square D

Installation Requirements:

- Shipping and freight charges to the project site will be included.
- Provide all required access equipment, including ladders, lifts, and high-reach machinery necessary to complete the installation.
- Provide all labor, materials, supervision, system programming, commissioning, and end-user training required to deliver a complete and fully functional system as specified.
- Contractor to be responsible for all disposal of demo gear and parts.
- Terminate, label, and document all cabling in accordance with project standards.
- Provide proper cable management, routing, and strain relief in compliance with applicable codes and manufacturer requirements.
- Test and verify cable continuity and signal integrity before final system commissioning.
- Perform system testing and commissioning to confirm proper operation before project closeout.