

**GOODRICH AREA SCHOOLS
AUDITORIUM UPGRADES**

SECTION 11 61 33
STAGE EQUIPMENT – THEATRICAL RIGGING & DRAPERIES

GENERAL

1.1 SECTION INCLUDES

- A. Bidding Information
- B. Scope of Work
- C. Product
- D. Procedures & Conditions

1.2 BIDDING INFORMATION

Goodrich Area Schools is seeking bids for the replacement of Theatrical Curtains and Rigging Upgrades for both Goodrich High School and Goodrich Middle School. Questions regarding this bid package should be directed to the Goodrich Area Schools Business Office at (810) 591-2250.

- A. Important Dates:
 - 1. Project Site Walkthrough: Monday, September 21st, 2026, at 3:00 PM
 - 2. Last Day to Submit RFIs: Monday, September 28th, 2026, by 3:00 PM
 - 3. **Bids Due: Monday, October 12th, 2026, at 12:00 PM**
 - 4. Bid Opening: Monday, October 12th, 2026, at 2:00 PM
 - 5. Post Bid Interviews and Project Awards: Tuesday October 13th, 2026 – Wednesday, October 21st, 2026
- B. The bid submission deadline is **Monday, October 12th, 2026, at 12:00 PM**
- C. Bids must be submitted by mail in an envelope marked Goodrich Area Schools, Auditorium Upgrades 2026 RFP. Mail to: 8029 Gale Road, Goodrich, MI 48438.
- D. Goodrich Area Schools will not consider bids received after the above bid submission deadline. The winning bidder will be notified of the award within 15 days after this deadline.
- E. All equipment should be covered by a minimum warranty of three (3) years against defects in materials and workmanship, unless a longer warranty is offered by the manufacturer. Bidders may propose alternate warranty periods.
- F. Goodrich Area Schools reserves the right to reject any or all proposals or to award purchases as a whole or in part based on pricing, availability, delivery, quality, warranty coverage, and the best interests of the district.
- G. The winning bidder is expected to make every attempt to install new draperies during December 2026. All work not completed in December 2026 must be completed by July 31st, 2027.

1.3 SCOPE OF WORK

- A. The Theatrical Rigging & Draperies Vendor, as part of the work of this section shall provide and install theatrical rigging and draperies as specified in Section 11 61 33 Appendix A. All rigging hardware, components, and installation practices must meet or exceed ETCP standards.
- B. The Theatrical Rigging & Draperies Vendor, as part of the work of this section, shall remove all existing stage curtains at Goodrich High School and Goodrich Middle School and store or dispose of the existing curtains as per the owner's instructions (See Drawings TR-1 & TR-2).
- C. The Theatrical Rigging & Draperies Vendor, as part of the work of this section, shall replace all existing stage curtains with new Curtains, using the sizes of the existing Curtains as a reference. Please note that the four (4) existing Downstage Legs at Goodrich High School will be replaced with curtains that are 5' wider than the existing legs. (See Section 116133 Appendix A).
- D. The Theatrical Rigging & Draperies Vendor, as part of the work of this section shall provide the stage curtains at Goodrich High School as follows:
 - a. Main Valance – 25oz. Epic, 50% Fullness, Color TBD, 63'w x 7'h.
 - b. Main Traveler - 25oz. Epic, 50% Fullness, Color TBD, 2 Panels each 36'w x 24'h.
 - c. 4 Borders - 22oz. Prism, 50% Fullness, Black, 67'w x 9-6"h.
 - d. 4 Legs – 22oz. Prism, 50% Fullness, Black, 12'w x 24'h
 - e. 2 Legs – 22oz. Prism, 50% Fullness, Black, 8'w x 24'h
 - f. Mid Stage Traveler - 22oz. Prism, 50% Fullness, Black, 2 Panels each 36'w x 24'h.
 - g. Up Stage Traveler - 22oz. Prism, 50% Fullness, Black, 2 Panels each 36'w x 24'h
 - h. Cyclorama – Seamless Muslin, White, 67'w x 24'h.
 - i. Cyc "Diaper" - Muslin, White, 70'w x 8'h

PLEASE NOTE: The Dimensions provided are for bidding purposes. It is the responsibility of the Theatrical Rigging & Draperies Vendor to take measurements and provide appropriately sized drops.

- E. The Theatrical Rigging & Draperies Vendor, as part of the work of this section, shall provide the following items at Goodrich High School:
 - a. New Rope, Tensioner, & Pulley system for operating Main Traveler. As per ETCP Standards.
 - b. New Rope, Tensioner, & Pulley system for operating Mid-Stage Traveler. As per ETCP Standards.
 - c. New Rope, Tensioner, & Pulley system for operating Upstage Traveler. As per ETCP Standards.
- F. The Theatrical Rigging & Draperies Vendor, as part of the work of this section, shall replace all traveler carriers on the Main Curtain, Midstage Traveler, and Upstage Traveler at Goodrich High School.
- G. The Theatrical Rigging & Draperies Vendor, as part of the work of this section, shall remove an existing scenic track (appx. 65' long) at Goodrich High School from Pipe #11, so that it can be converted to an electric pipe (See Drawings TR-2 & TR-3).
- H. The Theatrical Rigging & Draperies Vendor, as part of the work of this section, shall remove existing "4th Leg Tracks" and store as per the Owner's instructions.
- I. The Theatrical Rigging & Draperies Vendor, as part of the work of this section, shall relocate the Upstage Traveler at Goodrich High School (including the pipe and all required rigging), downstage to the position presently occupied by the "4th Leg Tracks" (See Drawings TR-1, TR-2 & TR-3).
- J. The Theatrical Rigging & Draperies Vendor, as part of the work of this section shall provide the following stage curtains at Goodrich Middle School:
 - a. Main Valance – 25oz. Epic, 50% Fullness, Color TBD, 54'w x 3'h.
 - b. Main Traveler - 25oz. Epic, 50% Fullness, Color TBD, 2 Panels each 27'w x 18'h.
 - c. 3 Borders - 22oz. Prism, 50% Fullness, Black, 54'w x 3'h.
 - d. 4 Side Tabs – 22oz. Prism, 50% Fullness, Black, 10'w x 18'h
 - e. Up Stage Curtain - 22oz. Prism, 50% Fullness, Black, 2 Panels each 27'w x 18'h.

PLEASE NOTE: The Dimensions provided are for bidding purposes. It is the responsibility of the Theatrical Rigging & Draperies Vendor to take measurements and provide appropriately sized drops.

- K. The Theatrical Rigging & Draperies Vendor, as part of the work of this section, shall provide the following items at Goodrich Middle School:
 - a. New Rope & Pulley system for operating Main Traveler. As per ETCP Standards.
- L. The Theatrical Rigging & Draperies Vendor, as part of the work of this section, shall furnish all Required Rigging Cables, Unistrut, Thread Rod, Hardware (as per specification and code), and other incidental items not specified in section 116133 Appendix A, but necessary for the completion and proper operation of the static ("Dead Hung") rigging systems at both schools.
- M. The Theatrical Rigging & Draperies Vendor, as part of the work of this section, shall convert Pipe #16 (The newly designated "Cyclorama Pipe") from Dead Hung to Automated by installing a Thern "Pilewind" Hoist System (See Section 11 61 33 Appendix A and Drawings TR-1, TR-2. & TR-3).
- N. The Theatrical Rigging & Draperies Vendor, as part of the work of ADDER #1, shall convert existing Pipe #11 from Dead Hung to Automated by installing a Thern "Pilewind" Hoist System (See Section 11 61 33 Appendix A and Drawings TR-1, TR-2. & TR-3). This pipe will be a new dedicated "3RD ELECTRIC" pipe.
- O. The Theatrical Rigging & Draperies Vendor, as part of the work of ADDER #2, shall convert existing Pipes #5 & #9 from Dead Hung to Automated by installing a Thern "Pilewind" Hoist Systems (See Section 11 61 33 Appendix A and TR-1, TR-2. & TR-3). These pipes will remain dedicated scenery pipes.
- P. The Theatrical Rigging & Draperies Vendor, as part of the work of The Base Bid, ADDER #1, and ADDER #2 shall collaborated with the Project Electrical Contractor on the appropriate installation of Thern "Pilewind" systems.
- Q. The Theatrical Rigging & Draperies Vendor, as part of the work of this section, shall test all new installations.
- R. The Theatrical Rigging & Draperies Vendor, as part of the work of this section, shall supply all required permits for all facets of the rigging upgrade project.
- S. The Theatrical Rigging & Draperies Vendor, as part of the work of this section, shall supply Ariel Work Platforms or appropriate scaffolding for use by the Theatrical Rigging & Draperies Vendor during the installation.
- T. The Theatrical Rigging & Draperies Vendor, as part of the work of this section, shall install all static (Dead Hung) Pipes, Curtain Tracks, and Curtains as per Drawings TR-1, TR-2, & TR-3, using appropriately rated hardware. The installer shall use Unistrut in conjunction with the building's structural steel to safely and appropriately locate hang points for what is to be hung. All rigging hardware, components, and installation practices must meet or exceed ETCP standards.

1.4 SUBMITTALS

- A. **All Submittals for this section are the responsibility of The Theatrical Rigging & Draperies Vendor.**
- B. Product Data:
 - 1. Manufacturer's data sheets on each product to be used.
 - 2. Rated capacities, construction details, material descriptions, dimensions of individual components, profiles, and finishes.
 - 3. Preparation instructions and recommendations.
 - 4. Storage and handling requirements and recommendations.
 - 5. Typical installation methods.
 - 6. Verification Samples: Two representative units of each type, size, pattern, and color.

1.5 QUALITY ASSURANCE

- A. Curtain and Rigging Systems, Manufacturer Qualifications: Minimum 5 years of experience in manufacture of similar products in use in similar environments, including project size, and complexity, and with the production capacity to meet the construction and installation schedule.
 - 1. Automated Theatrical Rigging Systems are specialized overhead lifting systems. Due to the highly specialized nature of theatrical rigging equipment, and the safety requirements of the equipment, the rigging products provided for this work shall be the products of a single rigging manufacturer for quality, consistency and ease of integration. Accessory items such as wire rope, fittings, and curtain tracks may be from other specialty manufacturers.
 - 2. The automated rigging manufacturer shall have the following programs in place.
 - a. The manufacturer shall have a product testing program, including determination of recommended working loads for products based on destructive testing and review by a licensed engineer.
 - b. The manufacturer of the performance equipment shall have a quality management system that is registered to the ISO 9001 standard.
 - c. The manufacturer shall carry primary product and general liability insurance of \$2,000,000 each, with excess liability coverage of \$10,000,000 and a Contractors Professional Liability policy with \$2,000,000 coverage.
- B. Rigging Systems, Installer Qualifications: Manufacturer's authorized representative, trained and approved for installation of units required for this Project.
 - 1. The Rigging Contractor shall be an approved rigging manufacturer or an authorized representative or dealer of an approved manufacturer. The contractor shall have been installing stage rigging systems for a period of five years or more and shall have completed at least ten installations of this type and scope. The AHJ shall be the final judge of the suitability of experience.
 - 2. The Rigging Contractor shall employ an Entertainment Technician Certification Program (ETCP) Certified Theatre Rigger. A Certified Rigger shall be either the project manager or site foreman and be responsible for the overall project including the layout, inspection, and onsite user training.
- C. Rigging Systems, Minimum Standards of Safety, the following factors shall be used:
 - 1. Cables and Fittings: 8:1 Safety Factor.
 - 2. Cable D/d ratio: Sheave tread diameter is the minimum D/d ratio per the "Wire Rope User Manual" or recommended by the wire rope manufacturer.
 - 3. Tread Pressures: 500 lbs. for cast iron, 900 lbs. for Nylatron, 1000 lbs. for steel.
 - 4. Maximum Fleet Angle: 1-1/2 degrees.
 - 5. Steel: 1/5 of yield strength or per AISC Specification.
 - 6. Bearings: Two times required load at full speed for 2000 hours.
 - 7. Bolts: Minimum SAE J429 Grade 5 (ISO R898 Class 8.8), zinc plated.
 - 8. Motors: 1.0 NEMA Service Factor. Gearboxes: 1.25 Mechanical Strength Service Factor, 1.0 Gearing Service Factor.

1.6 PRE-INSTALLATION CONFERENCE

- A. Convene a conference approximately two weeks before the scheduled commencement of the Work. Attendees shall include Owner's representatives and trades involved. The agenda shall include schedule, responsibilities, critical path items and approvals.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in manufacturer's original unopened containers with manufacturer's labels attached. Do not deliver material until spaces to receive them are clean, dry, and ready for their installation. Ship to the job site only after roughing-in, painting and other finishing work has been completed, installation areas are ready to accept work.
- B. Handle and install materials to avoid damage.

1.8 PROJECT CONDITIONS

- A. Environmental Limitations: Do not deliver or install materials until spaces are enclosed and weather tight, wet work in spaces is complete and dry, HVAC system is operating and maintaining ambient temperature at occupancy levels during the remainder of the construction period.
- B. Field Measurements: Verify field measurements as indicated on Shop Drawings. Where measurements are not possible, provide control dimensions and templates.
 - 1. Coordinate installation and location of blocking and supports as requested.
 - 2. Verify openings, clearances, storage requirements and other dimensions relevant to the installation and final application.
 - 3. Where applicable, coordinate locations of electrical junction boxes.
- C. Field Measurements: Verify field measurements as indicated on Shop Drawings. Where measurements are not possible, provide control dimensions and templates.
 - 1. Coordinate locations of electrical junction boxes.
- D. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

1.9 WARRANTY

- A. Manufacturer's standard limited warranty unless indicated otherwise.
- B. Installer: Guarantees the work result this specification defines, including materials and workmanship for three years from date of full acceptance of work in accordance with the following conditions.
 - 1. Warranty must be in effect on materials and equipment for three years from date of system commissioning under the following conditions.
 - a. Maintaining warranty requires annual inspection of system by a factory trained and certified contractor.
 - b. The three-year warranty is contingent upon annual inspection at end of the first and second years of service.
 - c. If annual inspection is not performed at the end of the first or second year of service, the warranty becomes void at the end of that service year.
 - 2. Nothing in this guarantee shall cause repair or replacement by Contractor where negligence, neglect or improper operation by Owner has caused failure of any equipment installed as defined by this specification.

1.10 SYSTEM INSTALLER

- 1. The following companies have prior approval as System Installers:
 - a. Northcoast Studios
29181 Calahan Rd, Roseville, MI 48066
(586) 359-6630
 - b. True North Rigging
(810) 955-6907
 - c. Tobins Lakes Sales
11035 Hi Tech Dr, Whitmore Lake, MI 48189
(734) 449-9810
- 2. To be Considered a System Installer:
 - a. Contractor requesting approval must submit to Owner & Consultant 5 days prior to bid opening date, a letter expressing intent to bid.
 - b. Letter: Include list of five projects of similar size and scope completed by within the last five years.
 - c. Inspection of completed installation may be requested by Architect or Engineer's Representative prior to consideration of bid request.
 - d. Must be in business under the same name for five years preceding bid date, doing work similar to type specified.

- e. ETCP Certification in Theatre Rigging: Required by lead installer or project manager of System Installer. Verification of certification must be provided.
- f. Decision of Owner or Consultant as to capability of Bidder to successfully complete and maintain system based on this pre-qualification will be final.
- 3. Pre-Bid Request Letter: Must state that major equipment items must be bid and supplied as specified or contain details of substitute equipment for review by Owner or Consultant. Substitute equipment items to include: Specifications, parts numbers, and details of interconnection to proposed system. Decision of Owner or Consultant as to substitute equipment acceptability will be final.
- 4. System Installer: Employ fully trained stage riggers and mechanics, for stage equipment erection. Stage riggers to be completely familiar with equipment being installed. Job Superintendent is to be ETCP certified in theatre rigging. Furnish copy of certification to General Contractor prior to installation.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturers shall only be as specified (Except where noted in the specification).
- B. No substitutions will be considered (Except where noted in the specification).

2.2 RIGGING HARDWARE

- 1. All Rigging Hardware & Rigging Products must be ETCP approved for use as applied.

2.3 STAGE CURTAINS

- A. Description and Sizes: As shown in the Schedule of Draperies (Section 116133 Appendix A and on Drawing TR-1).
- B. Fabric Type:
 - 1. Goodrich High School:
 - a. Main Valance – 25oz. Epic, 50% Fullness, Color TBD, 63'w x 7'h
 - b. Main Traveler - 25oz. Epic, 50% Fullness, Color TBD, 2 Panels each 18'w x 16'h.
 - c. 4 Borders - 22oz. Prism, 50% Fullness, Black, 67'w x 9-6"h.
 - d. 4 Legs – 22oz. Prism, 50% Fullness, Black, 12'w x 24'h
 - e. 2 Legs – 22oz. Prism, 50% Fullness, Black, 12'w x 24'h
 - f. Mid Stage Traveler - 22oz. Prism, 50% Fullness, Black, 2 Panels each 36'w x 24'h.
 - g. Up Stage Traveler - 22oz. Prism, 50% Fullness, Black, 2 Panels each 36'w x 24'h
 - h. Cyclorama – Seamless Muslin, White, 67'w x 24'h.
 - i. Cyc "Diaper" - Muslin, White, 70'w x 8'h
 - 2. Goodrich Middle School:
 - a. Main Valance – 25oz. Epic, 50% Fullness, Color TBD, 54'w x 3'h..
 - b. Main Traveler - 25oz. Epic, 50% Fullness, Color TBD, 2 Panels each 27'w x 18'h.
 - c. 3 Borders - 22oz. Prism, 50% Fullness, Black, 54'w x 3'h.
 - d. 2 Side Tabs – 22oz. Prism, 50% Fullness, Black, 10'w x 18'h.
 - e. Up Stage Curtain - 22oz. Prism, 50% Fullness, Black, 2 Panels each 27'w x 18'h.

- C. Flame Resistance:
1. a. Fabric: All Polyester fabrics are woven from fibers that are inherently flame retardant for the life of the fabric. These curtains never need to be re-treated for flame retardancy.
 - c. A Certificate of Flame Resistance is to be provided for each fabric supplied. The certificates shall be issued by the fabric manufacturer or converter. Certificates issued by the supplier or fabricator are not acceptable.
 - d. Each curtain is to be labeled with a permanent tag giving the flame retardancy information and providing a suggested date for testing, if applicable.

- D. Fabrication:
1. a. General: Curtains are to be fabricated in the sizes and fabrics shown in the curtain schedule. Curtains are to be stitched with thread matching the color of the curtain using a single needle lock stitched. No less than full widths of fabric are to be used in leg curtains. All fabrics with a grain or pile shall have all strips running in the same direction.

PLEASE NOTE: The Dimensions provided are for bidding purposes. It is the responsibility of the Theatrical Rigging & Draperies Vendor to take measurements and provide appropriately sized drops.

- b. Fullness: Fullness as listed in the Curtain Schedule is to be in addition to allowances for seams, side hems and turn backs.
- c. Pleats: Where fullness is indicated in the Curtain Schedule, pleats shall be box type on 12-inch (305 mm) centers. Valences and borders are to have their pleats arranged to conceal the seams.
- d. Top Finish: 3-1/2-inch (89 mm) jute webbing or 3-inch (76 mm) Poly webbing shall be double stitched to the top of the curtain with 2 inches (50.8 mm) of face fabric turned under the webbing. Brass rustproof grommets shall be inserted in pleat centers (12-inch (305 mm)) centers on flat curtains.
- e. Track-mounted curtains shall be supplied with plated wire S-hooks or CCF-2 curtains to carrier snap hooks. Batten-mounted curtains are to be supplied with 36 inch (914 mm) braided #4 cotton tie lines. Tie lines shall be black or white to best match the curtains with the center line in an alternate color to aid in hanging curtains.
- f. Bottom Hems:
 - 1) Valances and borders shall have 4-inch (102 mm) bottom hems.
 - 2) All full height curtains shall have 6-inch (152 mm) bottom hems complete with separate interior chain pockets filled with #8 plated jack chains. Chain pockets shall be stitched so that the chain shall ride 2 inches (51 mm) above the finished bottom edge of the curtain.
 - 3) Scrims, drops and cycloramas shall have an additional strip of webbing with ties on 12-inch (305 mm) centers sewn to the back of the hem and shall be furnished with a 3/4-inch (19 mm) pipe batten, threaded and coupled every 10 feet-0 inch (305 mm).
- g. Side Hems:
 - 1) All lined traveler curtains shall have 1/2 width of face fabric turned back at the leading edge.
 - 2) All other side hems shall be 2 inches (51 mm).
- h. Lining:
 - 1) Lining shall be in the same fullness as face fabric.
 - 2) Lining shall finish 2 inches (51 mm) shorter than face fabric.
 - 3) Lining shall be attached to the face fabric along the sides and bottom hems by 4-inch (102 mm) twill tape.

2.4 AUTOMATED RIGGING

- A. Hoist: All Automated rigging for this project shall use the THERN Model PW12 “Pilewind” Hoist.
 - 1. Product Description: Also known as a “yo-yo” hoist because a steel wire enters the single-groove drum and resembles a yo-yo, the Thern Pilewind hoist lifts stage scenery, curtains, lighting, audio, and other items. The multi-direction line feed allows for winch placement almost anywhere within the system and can eliminate the need for head blocks
 - 2. Specifications
 - a. Wire Rope Material: ¼”
 - b. Avg. Line Speed: 20 fpm
 - c. Max. Travel Distance: 35 ft
 - d. Capacity 1200 lbs.
- B. Hoist Control: All Automated rigging for this project shall use the THERN Model 1XFS Wall Mounted Controller.
 - 1. Product Description: This entry-level controller features durable industrial push buttons for fixed speed (up/down) control, simplifying the user interface for your motor-controlled hoists and winches and providing a convenient, economical, and intuitive solution. All components are UL listed with key access and meet ANSI E-1.6-1-2019 requirements. This controller is made using industrial, heavy-duty materials to ensure they can handle every performance. Thern guarantees consistent service life for your controls by offering a two-year limited warranty to make sure that you’re 100% satisfied.
 - 2. Key Features:
 - a. Commercial, high-quality components that can be customized for any application
 - b. UL listed devices
 - c. Convenient wiring terminal strips
 - d. Integrated e-stop and motor thermal protection
 - e. Keyed on/off switch
 - f. Factory tested prior to shipping

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly constructed and prepared.
- B. If substrate preparation is the responsibility of another installer, notify Owner in writing of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions, approved submittals, and in proper relationship with adjacent construction.

3.4 FIELD QUALITY CONTROL

- A. Field Inspection: Coordinate field inspection in accordance with appropriate sections.
- B. Manufacturer's Services: Coordinate manufacturer's services in accordance with appropriate

sections.

3.5 CLEANING AND PROTECTION

- A. Clean products in accordance with the manufacturer's recommendations.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

GOODRICH AREA SCHOOLS				
THEATRE & AUDITORIUM UPGRADES 2026/2027				
PROJECT #: TBD				
BID SECTION 11 61 33 - THEATRICAL RIGGING, & DRAPERIES				
APPENDIX A				
RIGGING AND DRAPERY PACKAGE				
BASE BID				
GOODRICH HIGH SCHOOL AUDITORIUM DRAPERIES				
QTY	MAKE	FABRIC	DESCRIPTION	SIZE
1	KRIEGER	25oz Epic	Main Valance - 50% Fullness, Color TBD	63'w x 7'h.
1	KRIEGER	25oz Epic	Main Traveler - 50% Fullness, Color TBD	2 Panels each 36'w x 24'h.
4	KRIEGER	22oz Prism	Border - 22oz. Prism, 50% Fullness, Black	67'w x 9-6"h
4	KRIEGER	22oz Prism	Legs – 22oz. Prism, 50% Fullness, Black	12'w x 24'h
2	KRIEGER	22oz Prism	Legs – 22oz. Prism, 50% Fullness, Black	7'w x 24'h
1	KRIEGER	22oz Prism	Mid Stage Traveler - 50% Fullness, Black	2 Panels each 36'w x 24'h.
1	KRIEGER	22oz Prism	Up Stage Traveler - 50% Fullness, Black	2 Panels each 36'w x 24'h
1	KRIEGER	Seamless White Muslin	Cyclorama – Seamless Muslin, White	67'w x 24'h.
1	KRIEGER	Muslin	Cyc "Diaper" - White	70'w x 8'h
GOODRICH HIGH SCHOOL AUDITORIUM RIGGING				
QTY	MAKE	MODEL	DESCRIPTION	NOTES
1	Thern	"PILEWIND" PW12	Automated rigging system to be installed on the Pipe #16 ("CYC Pipe" - See Drawings TR-1, TR-2, & TR-3)	
1	LABOR	RIGGING	Install Automated Rigging Package	
1	LABOR	RIGGING	Install Drapery Package as per Drawings TR-1, TR-2, & TR-3	
1	LABOR	RIGGING	Move Upstage Traveler downstage of CYC Light Pipe to the position presently occupied by the "4 th Leg Tracks" (See Drawings TR-1, TR-2, & TR-3).	

1	LABOR	RIGGING	Remove scenic track from Pipe #11 and store as per Owners' instructions.	
1	LABOR	RIGGING	Remove existing "4 th Leg Tracks" and store as per Owners' instructions.	
1	LABOR	RIGGING	Install New Rope, Tensioner, Pully System, and Carriers for operating Main Traveler, Mid-Stage Traveler, and Upstage Traveler, as per ETCP Standards	
GOODRICH MIDDLE SCHOOL CAFETORIUM DRAPERIES				
QTY	MAKE	FABRIC	DESCRIPTION	SIZE
1	KRIEGER	25oz Epic	Main Valance - 50% Fullness, Color TBD	54'w x 3'h.
1	KRIEGER	25oz Epic	Main Traveler - 50% Fullness, Color TBD	2 Panels each 27'w x 18'h.
3	KRIEGER	22oz Prism	Border - 22oz. Prism, 50% Fullness, Black	54'w x 3'h
4	KRIEGER	22oz Prism	Side Tabs – 22oz. Prism, 50% Fullness, Black	10'w x 18'h
1	KRIEGER	22oz Prism	Up Stage Curtain - 50% Fullness, Black	2 Panels each 27'w x 18'h.
GOODRICH MIDDLE SCHOOL CAFETORIUM RIGGING				
QTY	MAKE	MODEL	DESCRIPTION	Notes
1	LABOR	RIGGING	Install Drapery Package as per Drawing TR-1 Schedule (New Curtains use existing tracks and rigging)	
1	LABOR	RIGGING	Install New Rope, Tensioner, & Pully Systems for operating Main Traveler, as per ETCP Standards	
1	LABOR	RIGGING	Inspect all existing traveler carriers and replace any carriers that aren't functioning as designed.	
BASE BID SHIPPING				
PLEASE NOTE: ALL PRODUCT SHIPPING FOR BASE BID MATERIALS IS THE RESPONSIBILITY OF THE THEATRICAL RIGGINGT AND DRAPERIES VENDOR, AND MUST BE INCLUDED IN THE BASE BID. THE OWNER MAY NOT BE INVOICED FOR, NOR ASKED TO REIMBURSE FOR ANY PRODUCT SHIPPING.				
ADDER #1				
HIGH SCHOOL LIGHTING PIPE AUTOMATION				
QTY	MAKE	MODEL	DESCRIPTION	Notes
1	Thurn	"PILEWIND" PW12	Automated Winch System Conversion for Newly Designated 3rd Electric - Pipe #11 (See Drawings TR-1, TR-2 & TR-3).	
1	LABOR	Rigging	Automated Rigging System Installation	

ADDER #2				
HIGH SCHOOL SCENIC PIPE AUTOMATION				
QTY	MAKE	MODEL	DESCRIPTION	Notes
2	Thurn	PILEWIND" PW12	Automated Winch System Conversions for Existing Scenery Pipes - Pipe #5 & Pipe #9 (See Drawings TR-1, TR-2 & TR-3).	
1	LABOR	Rigging	Automated Rigging System Installation	
ADDER #1 & #2 SHIPPING				
PLEASE NOTE: ALL PRODUCT SHIPPING FOR BASE BID MATERIALS AND ALL ADDERS IS THE RESPONSIBILITY OF THE THEATRICAL RIGGING AND DRAPERIES VENDOR AND MUST BE INCLUDED IN THE BIDS. THE OWNER MAY NOT BE INVOICED FOR, NOR ASKED TO REIMBURSE FOR, ANY PRODUCT SHIPPING.				