

Highland Junior High School Auditorium Seating Replacement

Ogden School District

956 20th Street

Ogden UT, 84401

RFP#9-008

Project Date: May 28th- August 2nd 2019

Bid due: January 3, 2019 2:00 PM

Project:

Highland Junior High School

325 Gramercy Avenue

Ogden UT

Contents:

This manual contains the following:

- Notice to Bidders
- Instruction to Bidders
- Specifications
- Bid Forms

NOTICE TO BIDDERS

Sealed bids will be received by the Board of Education of Ogden City School District, for the Auditorium Seating Replacement at Highland Junior High School. Bids will be in accordance with these specifications.

A Pre-Bid walk through will be held December 17th 2018 at the site of Highland Junior High School, 325 Gramercy Avenue, Ogden Utah at 10:00AM. Attendance at this bid walk is mandatory to qualify contractors to bid this project.

The Office of the Director of Support Services located at the Administration Building #1, Room 210 @ 1950 Monroe Blvd Ogden Utah, will receive bids until the hour of 2:00PM January 3rd, 2019. **Envelopes must be sealed and labeled RFP#9-008.**

A bid bond in the amount of five percent (5%) of the bid, made payable to the Board of Education of Ogden City School District, shall accompany bid. If a certified or cashier's check is used in lieu of a bid bond, a certificate from an approved surety company guaranteeing execution of a 100% Performance Bond and 100% Payment Bond must accompany bid.

The Ogden School District Board of Education reserves the right to accept or reject any or all bids or to waive any informality or technicality in any bid in the interest of the District.

If bidders have questions or need to seek clarification during this bidding process, then questions must be received in writing through Sciqwest.com no later than Thursday December 20, 2019 by 12:00 pm.

BOARD OF EDUCATION OF OGDEN CITY SCHOOL DISTRICT

KEN CRAWFORD, DIRECTOR OF SUPPORT SERVICES

INSTRUCTION TO BIDDERS

RFP# 9-008

Location: Highland Junior High School
325 Gramercy Avenue
Ogden, Utah

Scope of Project and Timeline: Remove and dispose of approximately 1,158 fixed auditorium seats beginning May 28th 2019, and completing demolition June 4th 2019. After demolition is complete, painting contractors will paint entire auditorium. **The painting portion is not part of this bid.** Install approximately 1,158 fixed auditorium seats as per specifications in this manual beginning July 1st 2019, and complete install by August 2nd 2019.

Bids: Before submitting a bid, each bidder will carefully examine the specification and other contract documents; will visit the site of work; will fully inform him or herself as to all existing conditions and limitations; and shall include in the bid the cost of all items included in the contract. **Bidders are required to use the bid tabulation form provided in this packet.**

Bond: A bid bond in the amount of five percent (5%) of the bid, made payable to the Board of Education of the Ogden City School District, shall accompany bid. If a certified or cashier's check is used in lieu of a bid bond, a certificate from an approved surety company guaranteeing execution of 100% Performance Bond and 100% Payment Bond must accompany bid.

Interpretation of Specifications: If any person contemplating submitting a bid for the proposed contract is in doubt as to the true meaning of any part of the specifications or other proposed contract documents, he or she may submit a written request on Sciquest.com for an interpretation thereof. Any interpretation of the proposed documents will be made only by addendum duly issued and posted on Sciquest.com

Addenda or Bulletins: Any addenda or bulletins issued during the time of bidding shall become part of the documents loaned to the bidders for preparation of his

or her bid, shall be covered in the bid, and shall be made part of the contract, **and acknowledgment submitted in bid packet.**

Qualifications: The Contactors and subcontractor's past performance, origination, equipment and ability to perform and complete their contract in the manner and within the time limit specified will be elements, along with the cash amount of the bid, which will be considered by the Owner in the letting of the contract. The contractor will comply with the license and bonding laws as required by the Local and State Government. By submitting a bid, contractor also agrees to Ogden School District's Standard Terms and Conditions.

Withdrawal of Bids: Bids may be withdrawn on written or e-mail request received from bidders prior to the time fixed for opening. Negligence on the part of the bidder in preparing the bid confers no right for the withdrawal of bid after it has been opened.

Acceptance of bid: No bidder shall consider themselves under contract after opening and reading bids until you receive notice from a designated Ogden School District representative.

Contractor's Liability Insurance: The contractor shall carry liability and Workers Compensation Fund insurance. **A copy of the contractor's insurance certificate shall be submitted with bid.**

Tobacco/Alcohol/Narcotics: Tobacco, Alcohol, and Narcotics are not allowed on any Ogden School District properties.

SPECIFICATIONS

RFP# 9-008

Fixed Seating Specification

Part 1: General Specifications

1.1 Summary:

Deliver and install approximately 1158 fixed padded and upholstered chairs as specified, Floor mounted, with self-lifting seat that rises to a uniform 3/4-safety fold position.

1.2 Submittals:

- A. Product data for each chair model specified to include construction details, material descriptions and finish options
- B. LEED:
 - 1. Product data for MR Credit 4 documenting recycled content.
- C. Seating layout (shop drawings) developed from existing layout that show aisle widths, chair spacing for each row, row-lettering and chair-numbering scheme, chair dimensions and back pitch. Layout drawings to also include locations for accessories, including left- and right-hand tablet arms, electrical devices, accessibility provisions and attachments to other work.
- D. Samples for verification & finish selection to include:
 - 1. Initial finish selections to be made from manufacturer's standard color and fabric guides.
 - 2. Final powder coat selection to be approved from manufacturers standard-sized samples not less than 1" x 3".
 - 3. Final laminate selection to be approved from manufacturers standard-sized samples not less than 2" x 2".
 - 4. Final plastic color selection to be approved from manufacturers standard-sized samples not less than 2" x 3".
 - 5. Final wood finish selection to be approved from manufacturers standard-sized samples not less than 4" x 3".
 - 6. Final upholstery fabric selection to be approved from fabric mills standard swatch size if available.
- E. Maintenance instructions and inspection guidelines furnished for each chair model specified.
- F. Manufacturers standard warranty.

1.3 Quality Assurance:

- A. Source Limitations:

1. Obtain each type of fixed seating required, including accessories and mounting components, from a single manufacturer.
 2. Obtain fabric of a single dye lot for each color and pattern of fabric required except when yardage requirement exceeds maximum dye lot. Multiple dye lots shall be color matched for quality assurance.
- B. Fire Performance Characteristics of Upholstered Seating:
1. Fabric shall be Class 1 according to DOC CS 191 and 16 CFR 1610.61, tested according to California Technical Bulletin 117.
 2. Padding shall comply with California Technical Bulletin 117.

1.4 Project Conditions:

- A. Environmental Limitations:
Do not deliver or install seating until spaces are enclosed and weather tight, wet work in spaces is complete and dry, work above ceilings is complete, and temporary or permanent HVAC system is operating and maintaining ambient temperature and humidity at occupancy levels during the remainder of the construction period.
- B. Field Measurements:
Take field measurements to verify dimensions prior to manufacturing.

1.5 Project Coordination:

- A. Do not deliver or install seating until space is free of lifts and/or scaffolding used by other trades which may interfere with installation and/or damage seating.
- B. Coordinate layout and installation of electrical wiring and devices with Ogden School District Electrician to ensure that floor junction boxes for electrical devices are accurately located for final connection to the building's power supply.
- C. Protect concrete floor from damage to paint during installation.

1.6 Warranty:

- A. Provide a manufacturer's warranty covering the material and workmanship for the specified warranty period from date of final acceptance.
- B. Warranty Periods:
1. Structural Components: five years.
 2. Operating Mechanisms: five years.
 3. Plastic, Wood and Painted Components: five years.
 4. Upholstery Fabric: one year.
 5. Electrical Components: one year.

Part 2: Products

2.1 Materials and Finishes:

- A. Steel shall meet requirements for ASTM A 36/A 36M plates, shapes, and bars; ASTM A 513 mechanical tubing; ASTM A 1008/A 1008M cold-rolled sheet; and ASTM A 1011 hot-rolled sheet and strip.
- B. Cast Iron shall meet requirements for ASTM A 48/A 48M, Class 25, gray iron castings free of blow holes and hot checks with parting lines ground smooth.
- C. Cast Aluminum shall meet requirements for ASTM B 85 aluminum-alloy die castings.
- D. All exposed metal parts shall be powder coated with a hybrid thermosetting powder coat finish. The powder coat finish shall be applied by electrostatic means to a thickness of 2 - 5 mils, and shall provide a durable coating having a 2H Pencil hardness. Prior to powder coating, metal parts shall be treated with a three-stage non-acidic, bonderizing process for superior finish adhesion, and after coating shall be oven baked to cause proper flow of the epoxy powder to result in a smooth, durable finish. Manufacturer's standard color range shall be used.
- E. Medium-density fiberboard shall meet requirements for ANSI A208.2, Grade MD, made with binder containing no urea formaldehyde.
- F. Concealed plywood shall meet requirements for HPVA HP-1 hardwood plywood.
- G. Upholstery fabric shall be 100% Lytyn® F.R. Sportwear upholstery by DesignTex. Fabric shall withstand 600,000 double rubs per ASTM D4157. Fabric shall meet flammability resistance outlined in California Technical Bulletin 117; NFPA 701-96 Test Method #1, ASTM E-84 Class A.
- H. Upholstery padding shall be molded or slab polyurethane foam.
- I. Molded Plastics:
 - 1. Structural components shall be mar and dent resistant high density glass-filled polypropylene with UV stabilizers.
 - 2. Decorative components shall be mar and dent resistant high density polyethylene (HDPE) with UV stabilizers.
 - 3. Plastic components shall be chosen from manufacturer's standard offering.

2.2 Fixed Audience Seating:

- A. Permanent arrangement of fixed audience seating to replace existing
 - 1. Approved manufacturers subject to compliance with requirements outlined herein.
 - 2. Basis-of-design for fixed audience seating is Irwin Seating Company Citation or comparable product:

- B. Chair support columns shall be a formed 14 gauge (.0747") steel tube with an integral back wing plate. Column shall exhibit a 10° rearward incline to help conceal back attachment hardware. Column shall be welded to a 2-1/2" x 1" rectangular pillar that extends back toward the riser face. Pillar is fabricated from 14-gauge steel at an appropriate angle to provide riser clearance for the chair as well as proper seat and back height. Brackets for seat attachment shall be 7-gauge (.1875") steel for superior strength, formed with an integral support buttress. Pillar shall be welded to a 1/4" steel attachment plate used to secure the chair to the riser face. All steel components shall be robotic welded for precise assembly and exceptional integrity.
- C. Aisle end standard shall be rounded corner, wood Maple veneer in design with a decorative full height, 2-7/8" wide 16 gauge (.0598") steel panel attached to the standard with concealed hardware for an outward surface devoid of all fasteners. Seat landing bracket shall be concealed with a decorative glass-filled polypropylene cover attached with concealed hardware.
- D. Backs shall be rectangular shaped, padded and upholstered on their face, with a one-piece injection molded polymer rear panel. The foundation of the back component shall be provided by a 7/16" thick, 5-ply hardwood inner panel that shall also serve as the upholstery substrate. The face of the back shall be upholstered over a 2" thick polyurethane foam pad. The polyfoam pad shall be securely cemented to the plywood inner panel and upholstered with a 1-piece cover securely fastened to the hardwood inner panel by means of upholstery staples to facilitate ease of re-upholstering. The rear designer panel shall be injection molded HDPE plastic, high impact-resistant, with textured outer surface, formed to enclose the edges of the inner upholstery panel at the top and both sides of the back, and shall be not less than 25" in length, extending down to the rear of the seat. There shall be no exposed screws above the armrests. Wings used for the attachment of the complete back assembly to the standards shall be not less than 14 gauge (.0747") steel. Wings shall be firmly secured to the inner panel through the use of threaded t-nuts fastened to the inner panel. Assembled chair shall have a nominal back height of 34". The back assembly shall be certified through routine ISO testing to withstand a 250 lb. static load test applied approximately 16" above the seat assembly and a 100,000 cycle 40 lb. swing impact test.
- E. Seats shall be padded and upholstered on their top surface with a structural, injection molded polypropylene seat foundation. Seats shall self-rise to a uniform position when unoccupied. The mechanism shall be certified through routine ISO testing to exceed 300,000 cycles during ASTM Designation F851-87 Test Method for Self-Rising Seat Mechanism. In addition, the seat shall withstand as a 600 lb. static load test applied approximately 3" from the front edge of the seat assembly and a 50,000 cycles 125 lb. vertical drop impact test.
1. Seat foundation shall be engineered glass-filled, injection molded polypropylene, strengthened by deep internal ribs and gussets, completely enclosing the self-rising hinge mechanism. Bottom surface of the foundation shall be textured and feature an attractive molded recess. Bolted attachment of the seat assembly to the chair standard shall be concealed by an integral color-coordinated plastic cap to present a finished, refined appearance.
 2. When unoccupied, the seat shall rise automatically to a 3/4 safety fold position, and upon a slight rearward pressure, shall achieve full-fold, allowing the patron additional passing room. The seat shall rotate on two, molded acetal shafts supported by nylon bearings with integral down-stops for exceptional strength. Seat-lift shall be accomplished by compression springs and self-lubricating plastic cams.

3. The base structure for the cushion assembly shall be an ergonomic contoured, rigid thermoplastic resin panel covered with a 3" thick molded polyurethane foam pad. Cushion assembly is upholstered with a carefully tailored fabric cover secured around the perimeter of the thermoplastic resin panel by means of a drawstring and staples and securely locked to the seat foundation, preventing unauthorized removal; but facilitating convenient access by trained maintenance personnel.
- F. Chair width shall vary to accommodate sightlines and row lengths
 - G. Back height and pitch shall be fixed to replace existing layout
 - H. Center and open aisle standards shall be provided with Curved Maple wood arm rests support structure capable of surpassing a 200 lb. vertical static load test applied 3" from the front edge of the armrest. Armrest support shall be attached to the support column with an integral ribbed post that binds into the steel support column and locked in place with a concealed security screw. Support structure is capped with a low profile polypropylene armrest attached with concealed hardware.
 - I. Row-lettering and chair-numbering shall be provided for identification of all chairs as shown on approved seating layout drawings. Number plates shall be 5/8" x 1-5/8" Bronze Oval with a clear finish and black sans serif numerals. The seat pans shall be recessed at the center of the front edge for the number plates, and attached by two (2) pop rivets. Letter plates shall be 2" round with a clear finish and black sans serif numerals attached in recess of aisle standard decorator panel by two (2) pop rivets. Attaching hardware shall have a finish compatible to plates.
 - J. Aisle lights shall be furnished for aisle standards designated to replace existing locations. Aisle lights shall be low voltage, non-hazardous 12 volt, D.C. Fixtures shall be centered high on the aisle standard decorator panels, just beneath the armrests to provide illumination of the aisle panel and adjacent floor and/or steps. Fixtures are 2-1/4" diameter black hooded assemblies with high-output, light emitting diodes (LED) designed to provide an even, consistent wash of white illumination. The aisle light standards are to be provided pre-wired with approximately 18" of wiring extending beyond the base of the standards. Wiring shall be encased within a black, rubber-coated flex steel conduit that exits the column just above the foot. Seating supplier shall furnish as part of the aisle light package a voltage reduction device suitable for conversion of 120 volt, A.C., facility power to 12 volt, D.C., for aisle lights requirement. The voltage reduction device shall be Underwriters' Laboratories listed as a Class II Power Unit for proper supply of power to the aisle lights. All wiring connections from the electric distribution system to the aisle light standards, as well as installation, proper safe mounting, and connection of the voltage reduction device, shall be the responsibility of the seating contractor, including provision of suitable locking-style electrical disconnect device.
 - K. Accessible Seating:
 1. Shall be designated by owner and designed to allow an individual to transfer from a wheelchair to the theatre chair. The aisle standard shall be equipped with an armrest capable of lifting to a position parallel with the support column, opening sideways access to the seat. Aisle standards so equipped shall be provided with a label, displaying an easily recognizable "handicapped" symbol. Decorative requirements of aisle standards are waived for the handicapped access standards.
 - L. Furnish extra materials from the same production run that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 1. Furnish complete seat and back assemblies equal to 2% of amount installed for each type and size of chair seat and back.

2. Furnish seat and back fabric covers equal to 2% of amount installed for each type and size of cushion.
3. Furnish armrests equal to 2% of amount installed for each type of armrest.

2.3 Fabrication:

- A. Manufacture fabric-covered cushions with molded padding beneath fabric and with fabric covering free of welts, creases, stretch lines, and wrinkles. For each upholstered component, install pile and pattern run in a consistent direction.
- B. Fabricate floor attachment plates to conform to floor slope, if any, so that standards are plumb and chairs are maintained at same angular relationship to vertical throughout project.
- C. Fabricate riser attachment plates to conform to riser heights so that standards are plumb and chairs are maintained at same angular relationship to vertical throughout project.

Part 3: Execution

3.1 Examination

- A. Prior to layout and installation examine floors, risers, and other adjacent work and conditions, with Installer present, for compliance with requirements and other conditions affecting performance of the work including, but not limited to, plumb of riser faces and concrete conditions.
- B. Examine locations of electrical connections.
- C. Examine locations of HVAC supply ducts.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 Installation

- A. Install seating in locations indicated and fastened securely to substrates according to manufacturer's written installation instructions.
- B. Use installation methods and fasteners that produce fixed audience seating assemblies with individual chairs capable of supporting an evenly distributed 600-lb static load applied 3" from front edge of the seat without failure or other conditions that might impair the chair's usefulness.
- C. Install seating with chair end standards aligned from first to last row and with backs and seats varied in width and spacing to optimize sightlines.
- D. Install riser-mounted attachments to maintain uniform chair heights above floor.
- E. Install chairs in curved rows at a smooth radius.
- F. Install seating so moving components operate smoothly and quietly.
- G. Install wiring conductors and cables concealed in components of seating and accessible for servicing.

3.3 Field Quality Control

- A. Perform tests and inspections.
- B. Prepare test and inspection reports.

3.4 ADJUSTING

- A. Adjust chair backs so that they are properly aligned with each other.
- B. Adjust self-rising seat mechanisms so seats in each row are aligned when in upright position.
- C. Verify that all components and devices are operating properly.
- D. Repair minor abrasions and imperfections in finishes with coating that matches factory-applied finish.
- E. Replace upholstery fabric damaged during installation.

End of Section

BID FORM

RFP# 9-008

NAME OF BIDDER _____ DATE _____

Address of Bidder _____

To the Board of Education of the Ogden City School District

1950 Monroe Blvd

Ogden, UT 84401

RFP#9-008 Project Dates: May 28th 2019- August 2nd 2019

The undersigned, in compliance with your invitation for bids for the Highland Junior High Auditorium Seating Replacement having examined the specifications and related documents, and the site of the proposed work and being familiar with all of the conditions surrounding the construction of the proposed project, including the availability of labor, do hereby propose to furnish all labor, material and supplies as required for the work in accordance with the Contract Documents as specified and within the time set forth and at the price stated below. These prices are to cover all expenses incurred in performing the work required under the Contract Documents of which this bid is a part.

I/We acknowledge receipt of the following addenda if applicable.

#1 _____ Date _____

#2 _____ Date _____

#3 _____ Date _____

Base Bid Project: This base bid shall include all work in construction documents for RFP #9-008 Highland Junior High Auditorium Seating Replacement Project. I/We agree to perform this work for the sum of:

_____ Dollars (\$ _____)

(In case of discrepancy, written amount shall govern)

BID BOND

I/We guarantee to complete the work as defined in the Drawings and specifications.

Enclosed is _____ for bid security as required in the sum \$ _____

The undersigned Contractors license number for Utah is _____ and my bid limit is \$ _____

Upon receipt of Notice of Acceptance of this bid, the undersigned agrees to execute the Contract and within five (5) days deliver Owners Protective Bonds in the prescribed form in the amount of 100% of the General Construction Contract Price for faithful performance of the contract. The certified Check, Cashier's Check or Bid Bond attached, in the amount not less than five percent (5%) of the Body shall become the property of the Board of Education of the Ogden City School District in the event that the Contract is not negotiated and/or the Owner's Protective Bonds delivered within the time set forth, as liquidated damages for the delay and additional expense caused thereby.

Respectfully Submitted,

Name of Bidder _____

Authorized Signature _____

Contact email address _____

Contact phone number _____