



**TOWN OF STRATFORD  
PURCHASING DEPARTMENT  
STRATFORD, CONNECTICUT**

BID No. 2009-074

Issued : September 10, 2009

Subject : Telescopic Bleacher Repair & Renovation

The Town of Stratford through the Office of the Purchasing Agent, will receive SEALED BIDS for furnishing the equipment described in the accompanying specifications, in accordance with the instructions, conditions and reservations that follow:

**A. CLOSING DATE:**

Bids will be received until 3:00 pm October 1, 2009, at which time they will be publicly opened and read. All bidders are invited to attend this public opening, which will be held immediately following the closing time specified above, in the Office of the Purchasing Agent, Room 202, Town Hall, 2725 Main Street, Stratford, CT 06615.

Any bid may be withdrawn prior to the above-scheduled time for receiving bids or authorized postponement thereof. Any bids received after the date and time specified shall NOT be considered. No bidder may withdraw a bid within 45 days after the actual opening thereof.

**B. INSTRUCTIONS:**

All proposals must be addressed to the attention of the Purchasing Agent, in a sealed envelope with bid subject and number on the face thereof. Proposals may be mailed or submitted in person. FAXED PROPOSALS ARE NOT ACCEPTED.

## C. CONDITIONS:

Bidders must state specifically what equipment they propose to supply, giving manufacturer's name, model number, etc. A detailed description should accompany your bid. Any exceptions to Town Specifications should be listed in your bid response.

### **Bid Surety:**

A Certified Check, Cashier's Check or Bid Bond in the amount of 5% of the total bid must accompany each proposal, made payable to the Town of Stratford. No bid will be considered without this surety. Upon award or rejection of the bid, all Certified Checks or Cashier's Checks received in lieu of Bid Bonds will be returned to the bidders.

The following information should also be covered in your bid:

**Payment:** Final payment will be made upon the acceptance of the completed work by an authorized representative of the Town of Stratford. NO partial payments will be made. Invoices covering the work specified herein should be forwarded to the Purchasing Department upon completion of the project.

**Delivery:** Please state as accurately as possible how long it will take to complete delivery after receipt of order, if you are the successful bidder.

**Warranty:** All proposals must state the exact nature and duration of any warranty applicable to the equipment you propose to sell to the Town.

**Taxes:** The Town of Stratford is exempt from all State and Federal taxes. Do not include these amounts in your quotation.

**Repairs, parts:** Bidders should indicate where service or parts could be obtained for the equipment being offered to the Town.

### **Insurance Requirements:**

#### A. General Liability

Occurrence limit \$1,000,000; aggregate limit \$2,000,000. The insurance carried by the proposer shall be on form CG 00 01, or equivalent. The Town of Stratford shall be named as an additional insured on the contractor's General Liability Insurance Policy with form CG 20 10 or CG 20 33, *and* CG 20 37.

#### B. Automobile Liability

Combined single limit of \$1,000,000. Comprehensive automobile policy to cover all owned, hired or non-owned automobiles or vehicles.

C. Workers Compensation

The proposer must have workers' compensation and employers liability insurance as required by Connecticut and federal law, plus employers liability limits of \$1,000,000 per accident, 1,000,000 disease each employee and \$1,000,000 disease policy limit.

D. Umbrella Liability

The proposer shall have a minimum coverage of \$2,000,000 excess umbrella coverage, naming the Town as additional insured.

The proposer shall procure and pay for the insurance coverage described above and must maintain the indicated insurance for a period of two (2) years after completion of the contract. All policies shall provide for thirty (30) days written notice prior to cancellation, substantial change or nonrenewal. The successful bidder must file the required Performance Bond and an Insurance Certificate within two weeks of the date of notification of award. Failure or neglect to do so may be considered by the Town as proof that the proposer is unable to fulfill the contract. A current insurance certificate and a copy of the endorsement or policy wording adding the Town as Additional Insured must be in the Town's possession at all times. In addition, the selected firm shall require its subcontractors, if any, to meet the same insurance requirements and to furnish the Town with similar evidence of insurance.

In addition, the proposer shall, at all times, save, indemnify and hold harmless the Town of Stratford, its officers, agents, employees and servants from liability of any nature or kind, including costs and expenses for or on account of, any patented or copyrighted equipment, materials, articles, or processes used in the performance of this contract, or on account of any and all claims, damages, losses, litigation expense and counsel fees arising out of loss or injuries (including death) sustained by or alleged to have been sustained by the public or any persons affected by the proposer's work, or by the proposer or any subcontractor, or anyone directly or indirectly employed by them while engaged in the performance of their duties in connect

**D. RESERVATIONS:**

The Town of Stratford may consider informal any proposal not prepared and submitted to the Town in accordance with the provisions herein stated. The Town of Stratford reserves the right to reject any or all proposals or parts of proposals; to waive defects in same proposals; or to accept any proposal or part thereof deemed to be in the best interests of the Town of Stratford.

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Michael Bonnar, Purchasing Agent

**SPECIFICATIONS:** See next page.

**Project:** Replace all end rails on telescopic Hussey bleachers in the Bunnell High School main gymnasium with end rails that meet all current and applicable code requirements. All replacement materials must be factory authorized replacement parts to insure smooth operation and maintain safety standards. The purpose of this repair project is to bring all relative products up to current use and safety standards.

Vendor to provide self-storing safety rails on the very end sections of the bank of bleachers at Bunnell High School. This improvement must make all existing telescopic bleachers code compliant, based on the fact all manual bleacher sections are opened for events to eliminate exposed end decks without rails.

Project work to include removal of current end rails and sockets. Remove or relocate end deck supports where necessary. Install new black powder coated self-storing safety rails, tie straps, and the remaining hardware. Bids to include self-storing safety rails for the section ends of the bank only as well as installation of safety rails.

**Required materials to complete this project include:**

- ✓ (104) Omni Advantage Safety End Rails (or equal)
- ✓ (104) Backer Plates
- ✓ (104) Tie Straps
- ✓ (104) Hardware Packages
- ✓ (8) Omni Advantage Safety Top End Rails (or equal)
- ✓ (8) Rail Brackets
- ✓ (8) Hardware Packages

Installation of new safety rails to be done in such a manner as to cause as little disruption as possible to physical education classes and after school activities. Work to be coordinated with:

Dr. Dudley Orr – Principal – 203-385-4250

Robert Sweger – Director of Plant Operations 203-385-4216

David Johnson – Athletic Director – 203-385-4260

# TELESCOPING GYM SEATS SPECIFICATIONS

## PART 1 GENERAL

### 1.01 SUMMARY

- A. Section Includes: Guard railings for use on multiple-tiered seating systems.

### 1.02 REFERENCES

- A. International Code Council (ICC)
  - a. ICC-300: ICC Standard on Bleachers, Folding and Telescopic Seating, and Grandstands
- B. National Fire Protection Association (NFPA)
  - a. NFPA 102 Standard for Assembly Seating, Tents and Membrane Structures.
- C. American Welding society (AWS):
  - a. AWS D1.1 Structural Welding Code - Steel.
  - b. AWS D1.3 Structural Welding Code - Sheet Steel.
- D. American Institute of Steel Construction (AISC):
  - a. AISC - Design of Hot Rolled Steel Structural Members.
- E. American National Standards Institute (ANSI).
- F. American Iron & Steel Institute (AISI):
  - a. AISI - Design Cold Formed Steel Structural Members.
- G. American Society for Testing Materials (ASTM):
  - a. ASTM - Standard Specification for Properties of Materials.

### 1.03 MANUFACTURER'S SYSTEM ENGINEERING DESCRIPTION

- A. Structural Performance: Engineer, fabricate guard rail systems to the following structural loads without exceeding allowable design working stresses of materials involved, including anchors and connections. Apply each load to produce maximum stress in each respective component.

**ED NOTE: REVISE BELOW IF MORE STRINGENT REQUIREMENTS APPLY. ICC-300 INCLUDES DESIGN LOADS FOR RAILING; VERIFY WITH JURISDICTIONAL AUTHORITY IF RAILINGS LOADS NEED TO BE INCREASED TO MEET AUTHORITY REQUIREMENTS.**

1. Design Loads: Comply with ICC-300, 2002 Edition, Chapter 3 for design loads of guards.

B. Manufacturer's System Design Criteria:

1. Guard Railings, Post and Supports: Engineered to withstand the following forces applied separately:
  - a. Uniform load of 50 lbs. per foot [ $.344 \text{ N/mm}^2$ ] applied in any direction at the top.
  - b. Concentrated load of 200 lbs. [90.72 kg] applied at any point and in any direction along top.
  - c. Intermediate rails, balusters and panel fillers shall be designed to withstand a horizontally applied normal load of 50 pounds on an area equal to 1 square foot, including openings and space between rails.
2. Member Sizes and Connections: Design criteria (current edition) of the following shall be the basis for calculation of member sizes and connections:
  - a. AISC: Manual of Steel Construction
  - b. AISI: Specification for Design of Cold Formed Steel Structural Members
  - c. AA: Specification for Aluminum Structures
  - d. NFOPA: National Design Guide For Wood Construction.

**1.04 SUBMITTALS**

- A. Section Cross-Reference: Required submittals in accordance with "Conditions of the Contract" and Division 1 General Requirements sections of this "Project Manual."
- B. Project Data: Manufacturer's product data for each system. Include the following:
  - a. Project list: Ten (10) projects of similar size, complexity and in service for at least five (5) years.
  - b. Deviations: List of deviations from these project specifications, if any.
- C. Shop Drawings: Indicate location of guardrails on seating assembly layout.
- D. Manufacturer Qualifications: Certification of insurance coverage and manufacturing experience of manufacturer.
- E. Installer Qualifications: Installer qualifications indicating capability, experience, and official Certification Card issued by manufacturer of telescopic seating.
- F. Engineer Qualifications: Certification by a professional engineer registered in the state of manufacturer that the equipment to be supplied meets or exceeds the design criteria of this specification.
- G. Operating/Maintenance Manuals: Provide to Owner recommended maintenance and inspection program.
- H. Warranty: Manufacturers standard warranty documents.

## 1.05 QUALITY ASSURANCE

**ED NOTE: BELOW STANDARD MAY BE MORE STRINGENT THAN APPLICABLE BUILDING CODE REQUIREMENTS. COORDINATE WITH IBC, UBC, SBCCI, BOCA CODE REQUIREMENTS FOR TELESCOPIC SEATS.**

- A. Welding Standards & Qualification: Comply with AWS D1.1 Structural Welding Code - Steel and AWS D1.3 Structural Welding Code - Sheet Steel.
- B. Insurance Qualifications: Mandatory that each bidder submit with his bid an insurance certificate from the manufacturer evidencing the following insurance coverage:
  - a. Workers Compensation - including Employers Liability with the following limits:
    - 1. \$500,000.00 (US) Each Accident
    - 2. \$500,000.00 (US) Disease - Policy Limit
    - 3. \$500,000.00 (US) Disease - Each Employee
  - b. Commercial General Liability - including premises/ operations, independent contractors and products completed operations liability. Limits of liability shall not be less than \$5,000,000.00 (US).
- C. Manufacturer Qualifications: Manufacturer who has a minimum of 40 years of experience manufacturing telescoping gym seats and can demonstrate continual design enhancement and 25-year minimum product life-cycle support of telescopic seating.
- D. Installer Qualifications: Engage experienced Installer who has specialized in installation of telescoping gym seat types similar to types required for this project and who carries an official Certification Card issued by telescoping gym seat manufacturer.
- E. Engineer Qualifications: Engage licensed professional engineer experienced in providing engineering services of the kind indicated that have resulted in the successful installation of telescoping bleachers similar in material, design, fabrication, and extent to those types indicated for this project.

## 1.06 DELIVERY, STORAGE AND HANDLING

- A. Deliver components in manufacturers packaging clearly labeled with manufacturer name and content.
- B. Handle product in a manner to prevent damage.
- C. Deliver product at a scheduled time for installation that will not interfere with other trades operating in the building.

## 1.07 WARRANTY

- A. Manufacturer's Product Warranty: Submit manufacturer's standard warranty form for telescoping bleachers. This warranty is in addition to, and not a limitation of other rights Owner may have under Contract Documents.
  - 1. Warranty Period: Five years from Date of Acceptance.
  - 2. Beneficiary: Issue warranty in legal name of project Owner.
  - 3. Warranty Acceptance: Owner is sole authority that will determine acceptance of warranty documents.

## 1.08 MAINTENANCE

- A. Instructions: The manufacturer of the seating or his representative shall transmit Maintenance instructions to the Owner.
- B. Service: Maintenance of the product shall be the responsibility of the Owner or his duly authorized representative, and shall include the following:
  - 1. Only attachments specifically approved by the manufacturer for the specific installation shall be attached to the seating.
  - 2. An annual inspection and required maintenance of each seating system shall be performed to assure safe conditions. At least biannually a professional engineer shall perform the inspection or factory qualified service personnel.

## PART 2 - PRODUCTS

### 2.01 MANUFACTURERS

- A. Manufacturer: Hussey Seating Company, U.S.A.
  - Address: North Berwick, Maine, 03906
  - Telephone: (207) 676-2271; Fax: (207) 676-9690
- 1. Product: Self-storing "OMNI" end rail
  - 1) Rail color finish: **SELECT**: Standard black or optional 15 standard colors.

### 2.03 MATERIALS

- A. Uncoated Steel Strip (Non-Structural Components): ASTM A569, Commercial Quality, Hot-Rolled Strip.
- B. Uncoated Steel Strip (Structural Components): ASTM A570 Grade 33, 40, 45, or 50, Structural Quality, Hot-Rolled Strip.
- C. Uncoated Steel Strip (Structural Components): ASTM A607 Grade 45 or 50, High-Strength, Low Alloy, Hot-Rolled Strip.
- D. Galvanized Steel Strip: ASTM A653 Grade 40, zinc coated by the hot-dip process, structural quality.
- E. Structural Tubing: ASTM A500 Grade B, cold-formed.
- F. Fasteners: Vibration-proof, of size and material standard with manufacturer.

## **2.04 FABRICATION**

Provide steel self-storing end rails that measure not less than 42" [1066] vertically above the leading edge of the seat. End Rails shall be designed such that a 4-inch diameter [102] sphere cannot pass through any opening.

## **2.05 SHOP FINISHES**

- A. Railings: Steel railings shall be finished with powder-coated semi - gloss black or optional 15 standard colors to match MVP seat color.
- B. Poolside/ High Humidity finish: Above shop finishes shall include following modifications.
  - a. All top-side rails shall be e-coated prior to powder paint coating
  - b. All hardware to be zinc-plated

## **2.07 FASTENINGS:**

- A. Welds: Performed by welders certified by AWS standards for the process employed.
- B. Structural Connections: Secured by structural bolts with prevailing torque lock nuts, free-spinning nuts in combination with lock washers, or Riv-nuts in combination with lock washers.

## **PART 3 - EXECUTION**

### **3.01 EXAMINATION**

- A. Verification of Conditions: Verify area to receive guards is free of impediments interfering with installation and conditions of installation substrates are acceptable to support attachments in accordance with manufacturer's recommendations. Do not commence installation until conditions are satisfactory.

### **3.02 INSTALLATION**

- A. Manufacturer's Recommendations: Comply with manufacturer's recommendations for product installation requirements.
- B. General: Manufacturer's Certified Installers to guards in accordance with manufacturer's installation instructions and final shop drawings.

### **3.03 ADJUSTMENT AND CLEANING**

- A. Cleaning: Clean installed components on both exposed and semi-exposed surfaces. Touch-up finishes to restore damage or soiled surfaces.

### **3.04 PROTECTION**

- A. General: Provide final protection and maintain conditions, in a manner acceptable to manufacturer and installer to ensure products are without damage or deterioration at time of substantial completion.

END OF SECTION

TOWN OF STRATFORD  
BID #2009-074  
TELESCOPIC BLEACHER  
REPAIR & RENOVATION  
BID SHEET

Bid price for materials and labor for bleacher repair and renovation as described in the specifications is:

\$ \_\_\_\_\_

You must include all specifications for all equipment supplied.

You must give at least three (3) references including contact person and phone number.

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Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_\_