

**INVITATION TO BID**  
**PURCHASE AND INSTALLATION OF SECTIONAL OVERHEAD DOORS**  
**AVON, CT**

One (1) original and one (1) copy of sealed bids for the above named project will be submitted to the Town Manager's Office, 60 West Main Street, Avon, CT 06001-3743 until 10:00 AM on Wednesday, October 22, 2008 at which time they will be publicly opened and read aloud.

The Town of Avon reserves the right to accept any or any part of bids, to reject any, all, or any part of bids, to waive any formalities non material deficiencies in the bidding process, and to award the bid deemed to be in the best interest of the Town.

A Performance Bond in the full amount of the annual contract sum will be required of the successful bidder.

Copies of the Bid Package shall be obtained in person at the Town Manager's Office, 60 West Main Street, Avon, CT 06001-3743, (860) 409-4300, during the hours of 8:30 AM - 4:30 PM. Monday to Friday or on the Town's website: [www.town.avon.ct.us](http://www.town.avon.ct.us) (under "Opportunities") Public Bids and RFP's.

Philip K. Schenck, Jr.  
Town Manager  
Town of Avon

**BID PACKAGE  
PURCHASE AND INSTALLATION OF SECTIONAL OVERHEAD DOORS  
AVON, CT**

**October 8, 2008**

INVITATION TO BID NO. 08/09-11  
STANDARD INSTRUCTIONS  
BID FORM  
TECHNICAL SPECIFICATIONS – OVERHEAD DOORS  
TECHNICAL SPECIFICATIONS – AUTOMATIC DOOR OPERATORS  
AGREEMENT

Blythe C. Robinson  
Assistant to the Town Manager  
60 West Main Street  
Avon, CT 06001-3743

**PURCHASE AND INSTALLATION OF SECTIONAL OVERHEAD DOORS**  
**STANDARD INSTRUCTIONS TO BIDDERS**

1. **INTRODUCTION**

The Town of Avon is soliciting bids for the purchase and installation of thirteen (13) sectional overhead doors at the Department Public Works facility located at 11 Arch Road, Avon, CT. The scope of work will consist of removing existing sectional overhead doors and related hardware and replacing with insulated sectional overhead doors and related hardware. If there are any conflicts between the instructions in these Standard Instructions to Bidders and any other bidding document(s), these Standard Instructions to Bidders shall prevail.

2. **KEY EVENT DATES**

Invitation to Bid Issued	October 8, 2008
Pre-Bid Conference	N/A
Public Bid Opening	October 22, 2008 – 10:00 AM
Bid Awarded	Within 60 Days
Commencement of Work	Within ten (10) calendar days of Notice to Proceed

3. **OBTAINING BID DOCUMENTS**

Specifications and bidding documents may be obtained from the Town Manager’s Office, 60 West Main Street, Avon, CT, or from the Town’s website at: [www.town.avon.ct.us](http://www.town.avon.ct.us) (under “Opportunities”) Public Bids and RFP’s.

4. **BID SUBMISSION INSTRUCTIONS**

- A. One (1) original and one (1) copy of all bids must be submitted in a sealed envelope clearly marked "Sealed Bid for Town of Avon – Purchase and Installation of Sectional Overhead Doors". If forwarded by mail or courier, the sealed envelope must be addressed to "Philip K. Schenck, Jr., Town Manager, Town of Avon, 60 West Main Street, Avon, Connecticut 06001-3743". Bids must be at the office of the Town Manager by the time the first bid is publicly opened. Postmarks are NOT an acceptable waiver of this policy. Corrections and/or modifications received after the first bid is publicly opened will NOT be accepted.
  - B. Ditto marks or words such as "SAME" on the Bid considered writing and must not be used.
  - C. All information must be submitted in blue ink or typewritten. Errors, alterations or corrections on both the original and all required copies must be initialed by the person signing the bid.
  - D. Bids are considered valid for sixty (60) days after bid(s) are opened. Bidders may not withdraw, cancel or modify their bid for a period of sixty (60) days after bid(s) are opened.
  - E. An authorized person representing the legal entity of the bidder must sign bids.
- PURCHASE AND INSTALLATION OF SECTIONAL DOORS**

## STANDARD INSTRUCTIONS TO BIDDERS

- F. The inability to meet any specified requirements(s) must be stated in writing and attached to the bid form, or written on the bid form. If no exceptions are noted, it shall be assumed that the terms of the Invitation to Bid have been accepted.
- G. The Town reserves the right to waive any non material deficiencies or irregularities in a bid when such a waiver is in their best interest to do so.

### 5. QUESTIONS

Any questions about this project should be directed to Mr. Bruce Williams, Director of Public Works, at (860) 673-6151.

However, no oral interpretations shall be made to any respondent as to the meaning of any of the bid documents. Every request for an interpretation shall be made in writing, addressed and forwarded to Blythe C. Robinson either by email to [brobinson@town.avon.ct.us](mailto:brobinson@town.avon.ct.us), fax: 860-409-4368, or by mail: Town Manager's Office, 60 West Main Street., Avon, CT 06001-3743. To receive consideration, such questions must be received at least five (5) calendar days before the established date for receipt of bids.

The Town will arrange as addenda, which shall be made a part of this Invitation to Bid and the resulting contract, all questions received as above provided and decisions regarding each. At least three (3) days prior to the receipt of bids, the Town will post a copy of any addenda to its website, located at: [www.town.avon.ct.us](http://www.town.avon.ct.us) (under "Opportunities") Public Bids and RFP's. It shall be the responsibility of each bidder to determine whether addenda have been issued, and if so, to download copies directly from the Town's website.

### 6. PRESUMPTION OF BIDDER BEING FULLY INFORMED

At the time the first bid is opened, each bidder is presumed to have read and is thoroughly familiar with all bidding and contract documents for this project. Failure or omission of the bidder to receive or examine any information concerning this bid shall in no way relieve any bidder from obligations with respect to their bid.

### 7. PRE-BID CONFERENCE

Attendance at the pre-bid conference, if any as indicated in section 2 titled Key Event Dates, is mandatory. Failure to attend does not relieve bidders of obligations under this bid.

### 8. INTERPRETATION OF ACCEPTABLE WORK

The specifications, bidding and contract documents are to be interpreted as meaning those acceptable to the Town of Avon. The Town will issue any substantive changes or interpretations in writing as an addendum.

**PURCHASE AND INSTALLATION OF SECTIONAL OVERHEAD DOORS**  
**STANDARD INSTRUCTIONS TO BIDDERS**

9. TAX EXEMPTIONS

The Town of Avon is exempt from Federal Excise Taxes and Connecticut Sales and Use Taxes. Bidders shall avail themselves of these exemptions. If required the contractor must supply the Town with a W-9 form for services rendered.

10. INSURANCE

The bidder awarded this bid must provide a current Certificate of Insurance to the Assistant to the Town Manager PRIOR to commencement of work, with the following requirements:

- a. Commercial General Liability:
  - Each Occurrence: \$1,000,000
  - Personal/Advertising Injury Per Occurrence: \$1,000,000
  - General Aggregate: \$2,000,000
  - Product/Completed Operations Aggregate \$2,000,000
  - Fire Damage Legal Liability \$ 100,000
- b. Automobile Liability:
  - Each Accident: \$1,000,000
  - Hired/Non-owned Auto Liability \$1,000,000
- c. Worker's Compensation, as required by Connecticut State statutes.
- d. The "Town of Avon" is to appear as an additional insured on the contractor's general liability and automobile liability Certificates of Insurance.
- e. All insurance is to be provided by a company authorized to issue such insurance in the State of Connecticut.
- f. All insurance may not be canceled or modified without thirty (30) days written notice be registered U.S. Mail to: Town Manager, Town of Avon, 60 West Main Street, Avon, Connecticut 06001-3743.

11. SUBSTITUTION FOR NAME BRANDS

Should brand name items appear in this bid, the bidder must attach specifications for any substitutions, and explain how the substitution compares with the named brand's specification. The decision as to whether the substitution is acceptable rests solely with the Town of Avon.

12. AWARDING THE BID

The Town of Avon reserves the right to accept any bid or any part of bids, to reject any, all, or any part of bids, to waive any non-material deficiencies or irregularities in the bidding process, and to award the bid deemed to be in the best interests of the Town.

**PURCHASE AND INSTALLATION OF SECTIONAL OVERHEAD DOORS**  
**STANDARD INSTRUCTIONS TO BIDDERS**

An award shall be made to the lowest responsive and responsible bidder. That bidder is the person or firm whose bid to perform the work is the lowest, who is qualified and competent to do the work, whose past performance of work is satisfactory to the Town and whose bid documents comply with the procedural requirements stated herein.

The Bid Awarded date in section 2 titled Key Event Dates is the date the bid is anticipated to be awarded. It is not a date certain.

13. **REJECTION AND/OR CANCELLATION OF BIDS**

The Town reserves the right to reject or cancel any and all bids, or any part of any or all bids, if such action is deemed to be in its best interest to do so.

14. **DELIVERY ARRANGEMENTS**

No delivery services are required under this contract.

15. **BID BOND**

A Bid Bond is not required with this bid.

16. **PERFORMANCE BOND**

A Performance Bond IS required with this bid. Prior to the execution of the contract, the contractor shall furnish either a Performance Bond, a letter of credit, or cash bond in the amount at least equal to 100% of the total annual contract price as a security for faithful performance of the agreement. The Surety on the bond must be a corporate surety registered to do business in the State of Connecticut.

**END OF STANDARD INSTRUCTIONS TO BIDDERS**

**BID FORM  
TOWN OF AVON  
PURCHASE AND INSTALLATION OF SECTIONAL OVERHEAD DOORS**

BID of \_\_\_\_\_ (hereinafter called "BIDDER", a corporation organized and existing under the laws of the State of \_\_\_\_\_, a partnership, or an individual doing business as: \_\_\_\_\_\* having visited the site and carefully examined all bidding documents together with all addenda issued and received prior to the scheduled closing time for receipt of bids will provide and install thirteen (13) sectional overhead door at the Department of Public Works facility in accordance with the general specifications including all labor, materials and anything else reasonably necessary to complete all work for the aggregate sum of \_\_\_\_\_(\$ \_\_\_\_\_).

\* Insert the Corporation, Partnership, or Individual name as applicable. Cross out non- applicable types.

Door #	Price	Automatic Operator	Total
Door 1	\$	\$	\$
Door 2	\$	\$	\$
Door 3	\$	\$	\$
Door 4	\$	N/A	\$
Door 5	\$	N/A	\$
Door 6	\$	N/A	\$
Door 7	\$	\$	\$
Door 8	\$	\$	\$
Door 9	\$	\$	\$
Door 10	\$	\$	\$
Door 11	\$	\$	\$
Door 12	\$	\$	\$
Door 13	\$	\$	\$
<b>GRAND TOTAL</b>			

**Alternate #1:** Pneumatic Safety Edge (per door)     \$ \_\_\_\_\_

**Alternate #2:** Photo Cell Safety (per door)     \$ \_\_\_\_\_

**Alternate #3:** (2) Transmitters & (1) Receiver  
Radio (per door)     \$ \_\_\_\_\_

The undersigned submits this Bid without collusion with any other person, firm or individual.

Witness: \_\_\_\_\_

Firm: \_\_\_\_\_

Signature: \_\_\_\_\_

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

Date: \_\_\_\_\_

\_\_\_\_\_

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

Telephone: \_\_\_\_\_

\_\_\_\_\_  
(print or type)

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

**BID FORM**

BIDDER acknowledges receipt of the following ADDENDA (if any):

<b>No.</b>	<b>Date:</b>	<b>No.</b>	<b>Date:</b>
<b>No.</b>	<b>Date:</b>	<b>No.</b>	<b>Date</b>

BIDDER hereby agrees to furnish at the net prices indicated all materials, labor and equipment for all the items listed below, subject to and in accordance with the specifications and conditions described in the CONTRACT DOCUMENTS, all which are made part of this proposal.

In submitting this BID, the BIDDER acknowledges that:

1. The lump sum prices include all labor, materials, transportation, hauling, overhead, fees and insurances, profit, and all other costs to cover the finished work of the several kinds called for in the Contract Documents. No additional payment of any kind in the form of a surcharge will be made for work accomplished under the lump sum prices, as bid.
2. No representation of warranty has been made by the OWNER that the estimated quantities used for comparison of BIDS will even approximate the actual quantities required to satisfactorily complete the WORK required under this CONTRACT.
3. Upon receipt of written notice of acceptance of this BID by the OWNER, the BIDDER shall execute the CONTRACT attached to these documents.
4. In regard to all conditions affecting the WORK to be done and the labor and materials to be furnished, this BID is based solely on the BIDDERS investigations and findings and neither the OWNER nor its officers, employees or agents shall be held responsible for the accuracy of, or be bound by any information contained in these Contract Documents.



This BID is submitted in full compliance with the conditions outlined in the Contract Documents. BIDDER has responded to and completely filled in all required spaces in the BID document, and obtained the necessary Notary Public signature where so required.

**This BID Respectfully Submitted by:**

IF A SOLELY OWNED COMPANY:

**Company Name:** \_\_\_\_\_  
Address: \_\_\_\_\_  
Town: \_\_\_\_\_  
By: \_\_\_\_\_  
(Authorized Signature)  
Title \_\_\_\_\_  
Date \_\_\_\_\_

IF A CORPORATION OR LIMITED LIABILITY COMPANY:

A company organized under the laws of \_\_\_\_\_, composed of officers as follows:

_____ President	_____ Secretary
_____ Vice President	_____ Treasurer

Countersigned

IF A PARTNERSHIP:

A partnership doing business under the firm name and style of \_\_\_\_\_, composed of partners as follows:

_____ Name & Title (if any)	_____ Name & Title (if any)
_____ Name & Title (if any)	_____ Name & Title (if any)

*This BID must bear the written signature of the BIDDER. If the BIDDER is a partnership, a partner must sign the BID. If the BIDDER is a corporation or limited liability company, the BID must be signed by a duly authorized officer of such corporation or limited liability company.*

**BIDDER'S QUALIFICATIONS STATEMENT**

The BIDDER shall answer all of the following questions, as part of the BID, so that the OWNER can judge the BIDDER's ability, experience and facilities for performing the proposed work.

1. Name of BIDDER: \_\_\_\_\_
  
2. Bidder's Tax Identification Number:  
\_\_\_\_\_
  
3. What year was company organized/formed?  
\_\_\_\_\_
  
4. How many years has the BIDDER been engaged in business under the present firm or trade name? \_\_\_\_\_
  
5. What is the general character or type of work you perform?  
\_\_\_\_\_  
\_\_\_\_\_
  
6. Has the BIDDER ever failed to complete any contracted work?  
If yes, explain with whom and why:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
7. Has the BIDDER ever defaulted on a contract?  
If yes, explain with whom and why:  
\_\_\_\_\_  
\_\_\_\_\_
  
8. For other work you have under contract at the present time: Attach list with description of work; the name of the client/owner with telephone number; and the approximate value of the work to be performed.  
  
**NOTE:** The BIDDER is required to have completed a minimum of five (5) similar projects as a demonstration of competency and experience for the project proposed herein. Such projects are to be listed below.
  
9. Attached is a list of all projects that your present organization has completed within the past ten years or is presently working on. Indicate here how many additional pages attached: \_\_\_\_\_ pages.

**BIDDER'S QUALIFICATIONS STATEMENT  
(Continued)**

10. List below the equipment that you propose to furnish and use on the proposed work:

OWNED EQUIPMENT:

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(Staple additional sheets as required)

RENTED EQUIPMENT:

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11. List the name(s), address(es) and telephone number(s) of the banks or financial institutions used for business and reference purposes:

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12. Attached is a list of the names, addresses and the background/experience of all principal or key members of the BIDDERS organization, including its officers:

Indicate the number of pages attached:

**NOTE:** If requested, the BIDDER agrees to furnish the OWNER with a detailed financial statement and other relevant information that may be required by the Town of Avon to properly evaluate the qualifications of the BIDDER.

**PROPOSED SUBCONTRACTORS**

BIDDER intends to utilize the following subcontractors on this project:

If none, write "None" here: \_\_\_\_\_

**NAME AND ADDRESS  
OF SUBCONTRACTOR:**

**DESCRIPTION OF WORK:**

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_

**NON-COLLUSION AFFIDAVIT OF BIDDER**

State of \_\_\_\_\_, County of \_\_\_\_\_, being first duly

sworn, disposes and says that:

1. He is the owner, officer, representative or agent of:  
 \_\_\_\_\_ the BIDDER that has submitted the attached  
 BID;
2. The attached BID is genuine; it is not a collusive or sham BID;
3. He is fully informed respecting the preparation and contents of, and knowledgeable of all  
 pertinent circumstances respecting the attached BID;
4. Neither BIDDER nor any of its officers, partners, owners, agents, representatives,  
 employees, or parties in interest, including this affiant, has in any way colluded, conspired,  
 connived, or agreed, directly or indirectly, with any other bidder, firm or person to submit a  
 collusive or sham BID in connection with the CONTRACT for which the attached BID has  
 been submitted or to refrain from bidding in connection with any contract, or has in any  
 manner, directly or indirectly, sought by agreement, collusion, communication or conference  
 with any other bidder, firm or person to fix the price or prices in the attached BID or of any  
 other bidder, or to fix any overhead, profit or cost element of the BID prices or the bid price  
 of any other bidder, or to secure through collusion, conspiracy, connivance or unlawful  
 agreement any advantage against the Town of Avon or any other person interested in the  
 proposed CONTRACT.
5. The price(s) quoted in the attached BID are fair and proper and are not tainted by any  
 collusion, conspiracy, connivance or unlawful agreement on the part of the BIDDER or any  
 of its agents, representatives, owners, employees, or parties in interest, including this affiant;  
 and
6. That no elected or appointed official or other officer or employee of the Town of Avon,  
 whose salary or compensation is payable in whole or in part by the Town of Avon is directly  
 or indirectly interested in this BID, or in the supplies, materials, equipment, work or labor to  
 which it relates, or in any of the profits thereof.

(Signed) \_\_\_\_\_  
(Name of Bidder)

Subscribed and sworn to before me this  
\_\_\_\_\_ day of \_\_\_\_\_, 2008

\_\_\_\_\_  
Title

My Commission expires \_\_\_\_\_, 20\_\_

**STATEMENT OF BIDDERS COMPLIANCE WITH  
EQUAL EMPLOYMENT OPPORTUNITY LAW AND REGULATIONS  
INCLUDING EXECUTIVE ORDER NO. 3**

This statement must be completed by the Bidder and shall accompany his bid for this project.

**IT IS HEREBY CERTIFIED THAT:**

NAME OF BIDDER: \_\_\_\_\_

BUSINESS ADDRESS: \_\_\_\_\_

\_\_\_\_\_

To the extent required by law, the Bidder has complied on past Contracts and will fully comply on this project with all applicable laws and regulations regarding equal employment opportunities for minorities and women, and;

Has \_\_\_ has not \_\_\_ previously performed work under the conditions of the Governor's Executive Order No. 3 of the State of Connecticut, or any preceding similar Executive Order with regards to Non-Discrimination.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

Subscribed and sworn to before me this  
\_\_\_\_\_ day of \_\_\_\_\_, 2008

\_\_\_\_\_  
Title

My Commission expires \_\_\_\_\_, 20\_\_

**IMPORTANT: THIS STATEMENT MUST BE SUBMITTED WITH BID**

**END OF SECTION**

**SECTIONAL OVERHEAD DOORS**  
**TECHNICAL SPECIFICATIONS**

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Motor operated sectional overhead doors and related hardware.

**1.2 REFERENCES**

- A. ANSI/DASMA 102 – American National Standard Specifications for Sectional Overhead Type Doors; 1996.
- B. ASTM A 229/A 229M – Standard Specification for Steel Wire, Oil-Tempered for Mechanical Springs; 1993.
- C. ASTM A 653/A 653M – Standard Specification for Steel Sheets, Zinc-coated (Galvanized) or Zinc-Iron Alloy-coated (Galvannealed) by the Hot-Dip Process; 1997.
- D. ASTM E 84 – Standard Test Method for Surface Burning Characteristics of Building Materials.
- E. ASTM E 330 - Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform State Air Pressure Difference; 1996.

**1.3 SUBMITTALS**

- A. Product Data: Manufacturer’s specifications and technical literature.
- B. Shop Drawings: Drawings of openings, showing locations of track anchors and other supports.
- C. Operation and Maintenance Data.

**1.4 QUALITY ASSURANCE**

- A. Installer Qualifications: Authorized by manufacturer.

**PART 2 PRODUCTS**

**2.1 MANUFACTURERS**

- A. Sectional Overhead Doors: Provide products manufactured by Wayne-Dalton Corporation, One Door Drive, Mt. Hope, OH 44660. ASD. Tel: (216) 674-7015. Fax (216) 674-1857.
- B. Requests for substitutions will be considered.

## **SECTIONAL OVERHEAD DOORS** **TECHNICAL SPECIFICATIONS**

### 2.2 SECTIONAL OVERHEAD DOORS

- A. Insulated Sectional Overhead Doors: Insulated steel tongue-and-groove joined panels with roll-formed internal struts with polypropylene rib caps to provide thermal break; end caps to provide tight seal at jambs; and hardware plates to all fastener points.
1. Complying with ANSI/DASMA 102 requirements for commercial doors.
  2. Wind Load Performance: Withstanding 15.2 psf (728 Pa) external pressure and 12 psf (575 Pa) internal pressure when tested in accordance with ASTM E 330.
  3. Insulation: Foamed-in-place high density polyurethane core with flamespread of 10 and smoke density of 210 when measured in accordance with ASTM E 84.
  4. Finish: Baked-on polyester primer and finish coat.
  5. Panel Thickness: 2 inches (50 mm).
  6. Face Sheet Thickness: 20 gage, 0.036 inch (0.9 mm).
  7. Panel Design: Flush.
  8. Thermal Resistance: Calculated “R” value of 16.16, max.
  9. Zinc Coating: Z275 galvanized, before finishing.
  10. Color: White.
  11. View Windows: Single glazed aluminum sash section.
  12. Glazing: ½ inch (12 mm) thick clear glass.

### 2.3 COMPONENTS

- A. Tracks: Graduated wedge type weathertight design, with mounting brackets.
1. Material: 16 gage, 0.06 inch (1.52 mm), galvanized steel sheet, ASTM A 653/A 653M, Z120 hot-dipped zinc-aluminum coating.
  2. Depth: 2 inches (50 mm)
- B. Hardware:
1. Hinges: Hot-dipped galvanized steel.
  2. Track Rollers: Steel, with case-hardened inner steel races and 10 ball bearings.
  3. Weatherstripping: Compressible U-shaped PVC bottom seal. Vinyl perimeter seal for jambs and headers.
- C. Counterbalances: Spring torsion type capable of supporting entire door weight, made of ASTM A 229/A 229M oil-tempered steel wire.
1. Performance: Minimum of 25,000 cycles
  2. Spring Fittings and Drums: Die-cast high strength aluminum.
  3. Cables: Preformed galvanized steel aircraft cables with minimum safety factor of 5 to 1.

## **SECTIONAL OVERHEAD DOORS** **TECHNICAL SPECIFICATIONS**



## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Before beginning work, verify that openings have been properly prepared.

### 3.2 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install doors plumb, level, and operating smoothly without binding.
- C. The Town will provide all wire and wiring required. The successful bidder will supply all door controls and safety devices.
- D. Bidders are hereby notified that the doors are various sizes. Therefore it is the responsibility of the bidders to measure the doors and provide the appropriate size in each location.

**END OF SECTION**

# **AUTOMATIC DOOR OPERATORS** **TECHNICAL SPECIFICATIONS**

## **PART 1 GENERAL**

### **1.1 SECTION INCLUDES**

- A. Jackshaft-type door operators for high lift sectional doors and limited rolling door and grille applications.

### **1.2 REFERENCES**

- A. National Electrical Manufacturers Association (NEMA): NEMA ICS 6 – Industrial Control and Systems: Enclosures.

### **1.3 SUBMITTALS**

- A. Product Data: Manufacturer’s data sheets on each product to be used, including:
  1. Preparation instructions and recommendations.
  2. Storage and handling requirements and recommendations.
  3. Installation Methods.
  4. Cleaning Methods.

### **1.4 DELIVERY, STORAGE, AND HANDLING**

- A. Store products in manufacturer’s unopened packaging with labels intact until ready for installation.
- B. Schedule delivery of door operator so that spaces are sufficiently complete that door operators can be installed immediately upon delivery.

### **1.5 WARRANTY**

- A. Manufacturer’s standard limited lifetime warranty against material and manufacturing defects.

## **PART 2 PRODUCTS**

### **2.1 MANUFACTURERS**

- A. Acceptable Manufacturer: The Chamberlain Group, Inc.: 845 Larch Avenue, Elmhurst, IL 60126-1196. ASD. Tel: (800) 282-6225. Fax: (630) 516-8412. E-Mail: [www.chamberlain.com](http://www.chamberlain.com).
- B. Substitutions: Requests for substitutions will be considered. Vendors offering a substitution must include a copy of the specifications with their bid in order for it to be considered.

**AUTOMATIC DOOR OPERATORS**  
**TECHNICAL SPECIFICATIONS**

2.2 JACKSHAFT OPERATED DOOR OPERATOR

- A. Industrial-Duty Operator: Continuous-duty high-starting torque motor capable of driving the door at a speed of door speed of approximately 8 inches (203 mm) to 9 inches (229 mm) per second; Model J; Chamberlain, Elmhurst, IL.
1. Electric Operator: Model J industrial-duty assembly, complete with electric motor and factory-prewired motor controls, positive locking mechanical brake, emergency disconnect, 3-button OPEN/CLOSE/STOP control station, conduit and wiring from control to motor, and accessories required for proper operation;
    - a. Electric Motor: Protected against overload by a current sensing or thermal overload device.
      - 1) Motor Specification: 208/230V-60Hz-3 Phase; ½ HP
    - b. Primary Speed Reduction Device: Heavy-duty 4L V-belt with chain and sprocket double reduced secondary with mechanical braking to hold door in any position. Operator shall be equipped with adjustable friction clutch, floor level disconnect, and door driven sprocket.
    - c. Limit Switches: Fully adjustable, driven linear-type switch mechanism synchronizing operator with door. Low-friction nylon limit nuts shall be fitted on threaded steel shaft, rotating on oil-tight self-lubricating bronze bushings. Motor shall be removable without affecting limit switch setting.
    - d. Motor Control and Enclosure (choose one).
      - 1) Solid-State Motor Control and Enclosure: LiftMaster LOGIC 3 motor control shall be UL approved microprocessor solid-state type, and include the capability to select one of seven wiring types and a maximum run timer for motor protection. Additional features shall include a maintenance alert diagnostic system, timer-to-close w/timer defeat input, and mid-stop programming capabilities. Motor control device shall be enclosed in a NEMA 1 enclosure and integral with the operator. Control enclosures shall conform to ANSI/NEMA ICS6.
        - (a) Radio Receiver: LiftMaster LOGIC 3 on-board, 3-channel receiver with standard external antenna; equipped to accept Security+ Rolling Code Technology remote transmitters and Trinary Dip Switch remote transmitters, with memory for up to 23 Security+ remote transmitters or an unlimited number of Trinary Dip Switch remote transmitters.
    - e. 3-Button Control Station: 3-button station providing OPEN/CLOSE/STOP shall be NEMA Type 1 with maintenance alert indicator to signal intervals for routine door and operator maintenance.

**AUTOMATIC DOOR OPERATORS**  
**TECHNICAL SPECIFICATIONS**

- f. Door Drive: Full #50 roller chain.
- 2. Optional Operator Accessories:
  - a. Self-Monitoring Safety Operation Application: CPS-LN4 Self-Monitoring Sensor.

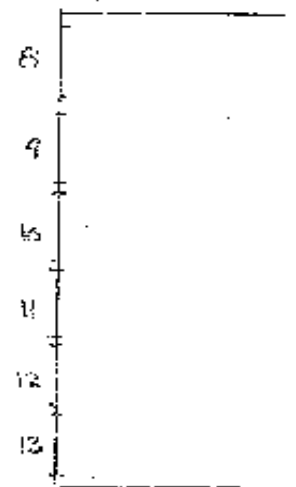
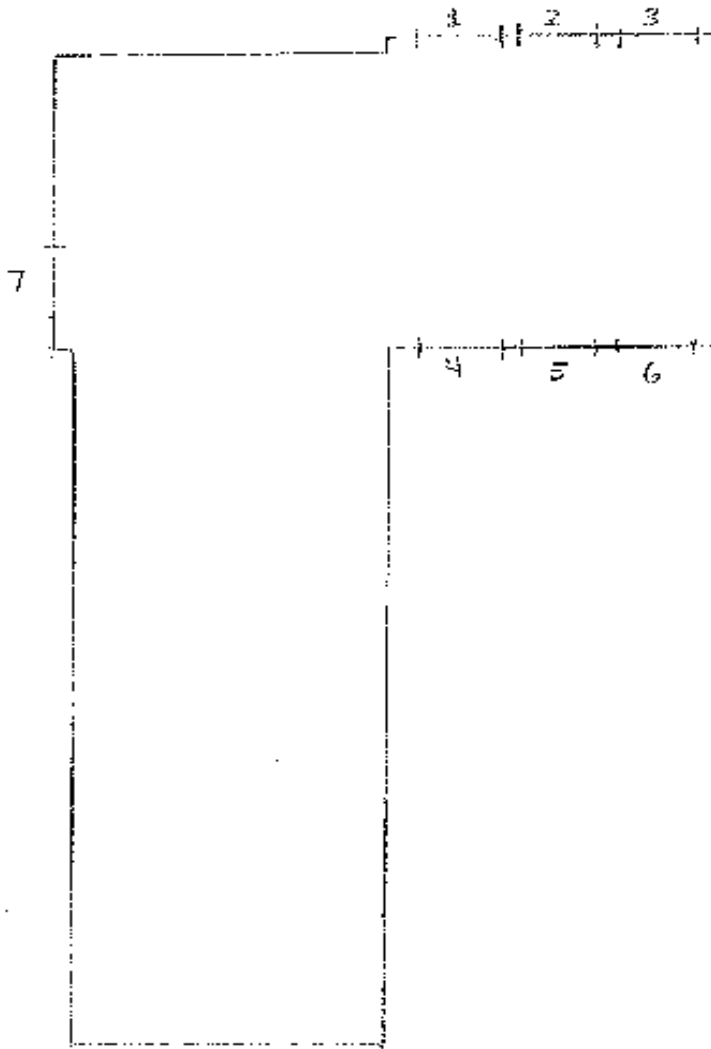
### PART 3: EXECUTION

#### 3.1 INSTALLATION

- A. Install in accordance with manufacturer's instructions.

**END OF SECTION**

ATTACHMENT A  
LOCATION AND OVERHEAD DOOR NUMBER ASSIGNED FOR DOOR REPLACEMENT  
PROJECT AT HARCH ROAD, AVON, CT 06001



## PURCHASE AND INSTALLATION OF SECTIONAL OVERHEAD DOORS

This Purchase and Installation of Sectional Overhead Doors Agreement (the "Agreement") is entered into the \_\_\_\_ day of \_\_\_\_\_, 2008 ("Effective Date") by and between the Town of Avon, a political subdivision of the State of Connecticut (the "Town") and \_\_\_\_\_, a \_\_\_\_\_ located at \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ (the "Contractor").

WHEREAS, the Town has issued a Invitation for Bid (the "IFB") for Purchase and Installation of Sectional Overhead Doors located at the Department of Public Works ("Work"); and

WHEREAS, Contractor submitted its Bid to the Town on October 22, 2008, for the Work in accordance with the requirements and specifications of the IFB; and

WHEREAS, the Town has selected Contractor and the Town and the Contractor desire to enter into a formal Agreement for the performance of the Work;

THEREFORE, in consideration of the recitals set forth above and the mutual promises by the parties below, the parties agree as follows:

1. General. The Contractor agrees to perform the Work in accordance with this Agreement, the Scope of Work, the IFB and all other documents encompassing the Contract Documents, as listed and defined in the General Specifications Section of this Agreement. The Contract Documents represent the entire and integrated agreement between the Town and the Contractor and supersede all prior negotiations, representations or agreements, whether written or oral.
2. Duties. Contractor shall perform the Work described in the Contract Documents except for any work that is specifically prescribed in the Contract Documents to be the responsibility of another person. Contractor shall furnish all labor, equipment, trucks, materials, facilities, supplies, transport, and any other things necessary to carry out the terms of the Contract Documents.
3. Compliance with Laws. Contractor shall comply with all federal, state and local laws and regulations governing the Work, whether or not such laws and regulations are fully and properly reflected in the IFB.
4. Term. The term of this Agreement shall commence on the Effective Date of this Agreement. The Contractor shall not start the Work prior to having received a notification to proceed from the Town. Contractor shall achieve substantial completion of all Work to be performed under the Contract Documents by December 12, 2008, with final completion no later than December 31, 2008 ("Completion Date"), subject to any time adjustments as provided for in the Contract Documents.
5. Payment. The Town will pay the Contractor for work completed based upon the total price specified on the Bid Form upon satisfactory inspection and approval by appropriate Town Personnel.
6. Insurance. The Contractor shall carry and keep in force during the term of this

Agreement insurance as more specifically described in Section 10 of the Standard Instructions to Bidders, by a company or companies authorized to do business in Connecticut. The Company shall provide certificates of insurance specifying such coverage and naming the Town as additional insured prior to the start of the work and shall provide a complete copy of the Owners, Contractors Protective Liability policy.

7. Liability. The Contractor agrees to assume full responsibility and liability for damage or injury to persons or real or tangible personal property caused directly or indirectly by the negligent or tortious actions or inactions of the Contractor, its agents, employees or subcontractors with respect to the Work. The Contractor further agrees to assume full responsibility and liability for the Contractor's failure to comply with any applicable federal, state or local law or regulation in the performance of Contractor's duties pursuant to the Contract Documents.

8. Hold Harmless. The Contractor agrees to indemnify and save harmless the Town of Avon, its agents and employees, from and against all loss or expense, (including costs and attorneys' fees), arising out of or resulting from the performance of the work by the Contractor by reason or liability imposed upon the Town of Avon, its agents and employees, for damages because of bodily injury, including death at any time resulting there from, sustained by any person or persons, (including employees of the Contractor), or on account of damage to property, including loss of use thereof, if such injuries or damages are caused by the negligence or breach of Agreement documents of the Contractor, its' agents and employees or otherwise. The existence of insurance shall in no way limit the scope of this indemnification. The indemnification provision shall be separate and distinct from issuance of a Certificate of Insurance.

9. Indemnification. The Contractor agrees that it will indemnify, defend and hold harmless the Town and all of the Town's officials, agents and employees from any and all claims, suits and judgments against the Town for personal injury or damage to real or tangible personal property due to Contractor's breach of the Contract Documents or caused directly or indirectly by the negligent or tortious conduct of the Contractor or its agents, employees or subcontractors during the performance of the Work. Contractor shall pay all costs and fees related to this obligation and its enforcement by the Town.

10. No Assignment. The Contractor shall not subcontract, transfer or assign its obligations under the Contract Documents or any portion thereof without the prior written consent of the Town.

11. Contract Documents. The Contract Documents include, without limitation, the following:

- (i) The Agreement;
- (ii) The IFB, including the General Specifications and Technical Specifications and;
- (iii) Any addenda issued prior to the execution of this Agreement or modifications issued after the execution of this Agreement;
- (iv) [list any additional Contract Documents] \_\_\_\_\_  
\_\_\_\_\_.

12. Change Orders, Price Modifications, and Other Amendments. The Town shall have the

right to require the Bidder to make alterations of, additions to and deductions from the Work. All such changes to the Work shall be made by a written change order written by the Town. The Bidder shall compute the effect of the change order upon the Agreement price, subject to review and acceptance by the Town. Any other changes or amendments to the terms of this Agreement and the other Contract Documents may be made only by a written document referencing this Agreement and executed by both parties.

13. Termination. If the Contractor fails to perform this Agreement in accordance with its terms, the Town shall have the right, in addition to all other remedies it may have, to declare the Agreement in default and, therefore, terminated and to resubmit the Agreement for further bid. In that event, the Contractor shall pay the Town, as liquidated damages, the amount of any excess of the new Agreement Price over the Agreement Price herein provided for, both pro-rated to the period of time covered by the unexpired term of the Agreement at the time of default, plus any legal or other costs incurred by the Town in terminating the Agreement and securing a new contractor.

14. Connecticut Law and Courts. This Agreement shall be governed by and construed in accordance with the internal laws (as opposed to the conflicts of law provisions) of the State of Connecticut and the parties irrevocably submit in any suit, action or proceeding arising out of the Agreement to the jurisdiction of the United States District Court for the District of Connecticut and the jurisdiction of any court of the State of Connecticut.

15. Execution. This Agreement may be executed in one or more counterparts, each of which shall be considered an original instrument, but all of which shall be considered one and the same agreement, and shall become binding when one or more counterparts have been signed by each of the parties hereto and delivered (including delivery by facsimile) to each of the parties.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the day and year first written above.

THE TOWN OF AVON

By \_\_\_\_\_

[name of contractor]

By \_\_\_\_\_