



## Town of Derry, New Hampshire

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### REQUEST FOR PROPOSALS

B18-128

January 25, 2018

The Town of Derry - Department of Public Works is seeking proposals for:

## Automated Cantilevered Aluminum Sliding Gate

Project Coordinated by:  
Tom Carrier, Deputy Director  
Department of Public Works  
14 Manning Street  
Derry NH 03038  
(603) 432-6144

### Introduction

The Town of Derry Department of Public Works is requesting bid proposals to supply and install a new automated cantilevered aluminum sliding gate with access control system. Project location is Transfer Lane Derry, NH. Copies of the specifications or additional information are available by contacting the Department of Public Works at 603-432-6144 or by visiting [www.derrynh.org](http://www.derrynh.org). The Town of Derry reserves the right to accept or reject any or all bid proposals.

**Proposals must be submitted on or before 2:00 pm – Tuesday March 6, 2018** in a sealed envelope clearly marked as “**Automated Cantilevered Aluminum Sliding Gate**” and addressed to:

**Town of Derry  
Department of Public Works  
14 Manning Street  
Derry, New Hampshire 03038**

Proposals will be opened at the Public Works Office immediately following the closing.

## REQUEST FOR BID PROPOSALS

### Automated Cantilevered Aluminum Sliding Gate

#### GENERAL INFORMATION

The Town of Derry Department of Public Works is requesting bid proposals for replacement of an automated cantilevered aluminum sliding gate with access control system. Project location is Transfer Lane Derry, NH. Bid proposals are due by 2 PM EST on Tuesday March 6, 2018. Copies of the specifications or additional information are available by contacting the Department of Public Works at 603-432-6144 or by visiting [www.derrynh.org](http://www.derrynh.org). The Town of Derry reserves the right to accept or reject any or all bid proposals.

#### 1. Scope:

Specification for the materials and construction requirements for aluminum cantilever slide gate with external aluminum track and hardware manufactured to comply with ASTM F-1184, ASTM F-2200, and Underwriter's Laboratory UL-325 safety standards.

#### 2. Manufacturer:

Tymetal® or equivalent

#### 3. Minimum Warranty:

Manufacturer's Standard

#### 4. General:

- A. **Gate Frame:** Thirty-six (36) foot overall length (24' screened section with 12' open frame cantilever) and six (6) foot height. The entire frame and support members shall be manufactured with the same aluminum material, alloy and temper 6063-T6 (ASTM 1184). Fabricate chain link cantilever slide gate shall be in accordance with ASTM F-1184, Type II, Class 2, using 2 inch square aluminum outside vertical members (1.10 lb/ft). Members are welded together with a continuous top track (3.83 lb/ft) and bottom rail to form a rigid one piece frame. Vertical interior support uprights will be positioned equally throughout the frame structure. The cantilever overhang will be twelve (12) feet in length.
- B. There shall be fixed type zinc die cast with minimum of three sealed and lubricated ball bearing rollers (minimum 2" dia., 9/16" width) and suitable guides to assure proper alignment in the top track.

- C. Chain link fabric shall be installed over the minimum 24' entrance section gate length (UL-325). Fabric will be attached securely with tension bars that are attached on either frame end by tension bands. High tensile wire will provide additional fabric support across the top and bottom of the gate structure. Green privacy screening shall be installed on the chain link portion of the gate covering the entrance width which is 24'.
- D. Diagonal bracing shall be 1"x2" aluminum (6061-T6) tubing (0.809 lb/ft) welded to the uprights to form a rigid bracing system that does not require field adjustment.
- E. Bottom guide wheel assemblies have a minimum of three rubber wheels (with protective covers – UL325) straddling the bottom horizontal gate rail. One assembly shall be attached to each guide post.
- F. Gate post brackets, latch and keepers are galvanized steel.
- G. Gate posts shall be 4" OD schedule 40 pipe (9.1 lb/ft). Two 4" support posts shall be installed.

## **5. Installation:**

Gate posts shall be set in concrete (3000 psi compressive strength). The footing shall be 16" in diameter with depth approximately 6" deeper than the post bottom. Deeper footing may be required in areas with loose or soft soil. Set post bottom at least 36" below the surface. Posts must be plumb. Install gates plumb, level and secure for the full opening size making sure they move free of obstructions. Adjust hardware for smooth operation.

## **6. Automated Access System**

Powermaster® chain drive operator, or equivalent, with separate terminal-mounted keypad and remote controllers.

The gate operator shall be electrically-powered and chain-driven.

The entry from the outside shall be controlled by an RF transmitter programmed to the same frequency as the Town's existing remote controllers used for accessing the Highway Garage or may be also accessed through a digital code on a keypad,

Emergency access: A means to gain access to the property shall be available to provide access for emergency vehicles which may include key boxes (Knox Boxes), strobe or siren activated sensors, and radio receivers that can be activated by the emergency vehicle's two-way radio.

Exiting the property shall be by magnetic sensors that are inlaid in the pavement near the gate or other means which will allow it to open (free exit) as soon as the vehicle rolls over them.

## **7. General**

### **A. Submittals:**

### **B. Product Data:**

- i. Provide manufacturer's catalog cuts with printed specifications and installation instructions.
- ii. Furnish two (2) copies of operation and maintenance data covering the installed products.

**C. Shop Drawings:**

- i. Supply shop drawings showing the gate system, including details of all major components.
- ii. Include details of gate construction, gate height, and post spacing dimensions.

**D. Certification of Performance Criteria:**

- i. Manufacturer of gate system shall provide certification stating the gate system includes the following material components that provide superior performance and longevity. Alternate designs built to minimum standards that do not include these additional structural features may not be accepted.
- ii. Gate track system shall be keyed to interlock into gate frame member to form a composite structure.
- iii. Gate shall have a minimum counterbalance length of 50% opening width. Counterbalance section shall be filled with fabric or other specified material.
- iv. Intermediate vertical members shall be used - with spacing between verticals to be less than 50% of the gate frame height.
- v. Entire gate frame (including counterbalance section) shall include 2 adjustable stainless or galvanized steel cables (minimum 3/16") per bay to allow complete gate frame adjustment.
- vi. Gate truck assemblies shall be tested for continuous duty and shall have precision ground and hardened components. Bearings shall be pre-lubricated and contain shock resistant outer races and captured seals.
- vii. Gate truck assemblies shall be supported by a minimum 5/8" plated steel bolt with self-aligning capability, rated to support a 2,000 # reaction load.
- viii. Hanger brackets shall be hot dipped galvanized steel with a minimum 3/8" thickness that is also gusseted for additional strength.

- ix. Gate top track and supporting hangar bracket assemblies shall be certified by a licensed professional engineer to withstand a 2,000 lb. vertical reaction load without exceeding allowable stresses.
- x. Certifications: Gate shall comply with ASTM F 2200, Standard Specification for Automated Vehicular Gate Construction
- xi. Gate operator shall be in compliance with UL 325 as evidenced by UL listing label attached to gate operator.
- xii. The aluminum welders and welding process must be certified.
- xiii. Manufacturer shall supply gate design performance certification.

## **8. Financial Considerations**

- A. All applicable taxes or fees shall be indicated in the proposal.
- B. All costs for equipment, materials, access, cleaning, inspection, remedial work and installing the new exterior wall coating shall be included in the proposal price.
- C. All costs for providing approved safe access in accordance with OSHA requirements shall be the responsibility of the contractor.
- D. The contractor shall provide proof of insurance coverage and shall be included in the proposal cost. The successful bidder must provide the Town of Derry a certificate of Liability Insurance of no less than one million dollars (\$1,000,000.00) The successful bidder must provide a certificate of insurance for Workers' Compensation as required by New Hampshire Revised Statutes Annotated (NHRSA) 281-A.
- E. Proposals shall include costs for any travel, meals and accommodations.
- F. Terms of Payment – The Town of Derry agrees to pay full invoiced amount within 30 days following completions of the work and receipt of all reports.

## **9. Vendor Response**

- A. Proposals must contain an Executive Summary, which shall contain:
  - The name, title and address of the Contractor's representative responsible for the preparation of the proposal.
- B. All prices quoted for goods and services must be specified. All proposals will be held to be valid for ninety (90) days following the proposal closing date.

- C. Proposals must be received in full on or before the exact closing time and date indicated. Proposals received after that date may not be considered.
- D. All costs relating to the work and materials supplied by the contractor in responding to this RFP must be borne by the Contractor.

#### **10. Communication during preparation of the Proposal**

- A. All communications with the Town of Derry with respect to this RFP must be directed to the following person:

Tom Carrier, Deputy Director  
Department of Public Works  
14 Manning Street  
Derry, New Hampshire 03038  
[tomcarrier@derrynh.org](mailto:tomcarrier@derrynh.org)

- B. The Town of Derry may, during assessment period, request meetings with the contractors to clarify points in the proposal. No changes by the Contractor will be permitted after the proposal closing date.
- C. Faxed RFP responses will be accepted with the condition that the original proposal documents are received at the Derry Public Works Department no later than five (5) days following the RFP closing date.

#### **11. Proposal Acceptance**

- A. The proposals shall be opened at the Derry Public Works Department on the date and time as indicated on the request for proposal covering.
- B. Any proposal may be accepted in whole or in part. The lowest proposal may not necessarily be accepted and the Town of Derry reserves the right to cancel the RFP call. The Town of Derry shall not be held responsible or liable for the payment of any costs that are incurred by the bidder in preparing a proposal in response to this RFP.

#### **12. TIME OF COMPLETION**

The Bidder must agree to complete installation of the equipment by **July 1, 2018.**

**BID PROPOSAL FORM**  
**Automated Cantilevered Aluminum Sliding Gate**  
**TOWN OF DERRY, NEW HAMPSHIRE**

The undersigned \_\_\_\_\_, hereby submit the following proposal to provide the Town the equipment described in the SPECIFICATIONS FOR **Automated Cantilevered Aluminum Sliding Gate**.

One (1) **Automated Cantilevered Aluminum Sliding Gate** delivered to and installed at the Town of Derry Department of Public Works Transfer Lane Derry, NH

Total Bid Amount \$ \_\_\_\_\_

Spell out Bid Amount Total \_\_\_\_\_

\_\_\_\_\_ Dollars

Estimated Delivery Time \_\_\_\_\_

We understand that the Town reserves the right to accept or reject any or all proposals, to waive any irregularity in any or all proposals and to make a vendor selection which is in the best interest of the Town.

The undersigned agrees that the bid price and statements contained herein are true and correct, that they were made without collusion, and agrees to the conditions set forth in the request for bids and equipment specifications.

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

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

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

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

\_\_\_\_\_

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

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