

**Tioga County Department of Public Works**

477 Route 96  
Owego, New York 13827  
**(607) 687-0302**  
**Fax (607) 687-4453**

*Gary Hammond, P.E.*  
Commissioner of Public Works

*Richard Perkins, P.E.*  
Deputy Commissioner of Public Works

**PROPOSAL**

**SIGN FACES AND SIGN BLANKS**

The Tioga County Commissioner of Public Works will receive sealed proposals at the Tioga County Public Works Department, 477 Route 96, Owego, New York, until 11:00 A.M. Wednesday, January 24, 2018.

All bids shall be submitted in accordance with the attached instruction sheets.

All bids shall be made on the attached proposal sheets. Exceptions may be rejected. All bids shall be submitted in a sealed envelope marked:

**“SIGN FACES AND SIGN BLANKS BID”**

**“DO NOT OPEN UNTIL 1-24-18 AT 11:00 AM”**

All bidders shall submit signed copies of the required NON-COLLUSION CERTIFICATES with their bid proposals. Failure to do so may constitute grounds for rejection.

The County Commissioner of Public Works or his agents reserves the right to reject any or all proposals.

Tioga County reserves the right to reject or accept all or any part of any bid solely as it deems in the best interest of Tioga County.

The successful bid contract may be extended for a period of one (1) year if it is mutually agreeable to both the Commissioner and the low bid contractor.

Any Town, Village, or School District in Tioga County may participate in the bid.

The award of this contract shall be based on the lowest responsible bid. Bidders must bid on all components of each section and all items bid must be from a single manufacturer to be eligible for award. An award will be based on all products meeting Tioga County’s specifications as outlined in the bid document. A no bid on any item within a group may disqualify the bidder from the group award. Considerations will be made to availability of material, delivery, and past history as well as the current standing of the supplier within the industry.

There shall be no assignment of this contract to any other party by the successful bidder without County authorization.

## **CONTRACT TERM:**

The term of this contract will extend through January 22, 2019. Tioga County shall place their orders directly with the vendor by fax, telephone, or e-mail. Invoicing shall be done on the basis of each order completed. Invoices shall clearly indicate the quantity, description, packaging, date of delivery, and contract price.

## **DETAILED SPECIFICATIONS:**

### Certifications:

All bids submitted must certify that all products meet the requirements of the specifications of the bid. All sheeting must meet ASTM D-4956 as outlined in the latest edition or supplement as well as all additions and/or revisions as outlined in this specification. Bidders should read this bid carefully to insure that they submit with their bid all the required information and certifications.

### Materials Supplied:

Materials supplied under the submitted specifications shall not deviate from those originally approved and contracted for without written approval of Tioga County. Tioga County reserves the right to be the sole judge of the quality of the material and performance.

### Fabrication Qualifications:

Tioga County reserves the right prior to, or within six (6) months after an award, to qualify the processing abilities of a manufacturer whose materials has been pre-approved by Tioga County. Tioga County may purchase, before or after an award, up to 465 square meters of qualified retroreflective sheeting and process colors for evaluation from each bidder at the herein specified bid prices. Each bidder will be required to provide the necessary technical service, training, and support in order to have their products fully evaluated during the fabrication process. The qualification process for fabrication should not exceed 120 days.

Tioga County will evaluate to ensure that submitted materials are compatible with current fabrication equipment and methods of processing. Bidders/Manufacturers shall declare with their bid any proposed changes to current equipment or process methods required by their materials. The purchasing agency shall be notified by the successful bidder of any changes in the manufacturing process or in raw materials used in the manufacture of the sheeting or imaging systems that are made by the manufacturer over the course of the contract. The specified warranty shall apply to any material purchased for evaluation and testing.

### Delivery:

All items shall be delivered F.O.B. destination to the location specified by Tioga County. Delivery time must be within 15 days of receipt of the order for roll goods and inks and within 30 days for processed goods, such as cut sheets. Delivery times in excess of these outlined are grounds for disqualification and or cancellation of this contract.

### Technical Assistance Requirements:

Vendors must comply with the instruction and training requirements as outlined in the specifications.

Imaging systems:

The sheeting manufacturer shall be held responsible for any defects resulting from any and all imaging systems that are recommended or given by the manufacturer. All imaging systems (inks, overlay films, graffiti films) must comply with the requirements as outlined in the standard specifications, and will not lessen the warranty.

GENERAL:

1. All signs must conform to New York State Department of Transportation Specification Section 730 – Signs and Delineators.
2. Sign Panels shall be .080 inch aluminum alloy #50-52 H38, cleaned, etched, and standard hole punched or as ordered.
3. Blanks ordered may be for any sign specified in N.Y.S. Manual of Uniform Traffic Control Devices.
4. Blanks may be ordered with any N.Y.S. Manual of Uniform Traffic Control Devices sign face affixed.
5. Sign Faces shall be complete with Legends and/or symbols.
6. Sign order may include any sign specified in the N.Y.S. “M.U.T.C.D.”
7. Sign Faces and Sign Blanks may be ordered separately.
8. When the need arises for a small amount of signs in an emergency (**20 signs or less**) an order must be filled in **ten (10) working days**.
9. All orders for Sign Faces, Sign Blanks or Sign Faces bonded to aluminum panels shall be filled in **30 working days** after order.
10. Sign Faces shall be screen printed using 3M materials and processes or equivalent.
11. It is understood that the Towns, Villages, and school districts in Tioga County may also participate in the awarded bid prices by dealing directly with the proposer.
12. All proposals must be accompanied by a signed Non-Collusion form.
13. The successful bid contract may be extended for a period of one year if it is mutually agreeable to both the Commissioner and the low bid contractor.
14. All prices are F.O.B. destination.
15. Delivery charges may be utilized to determine the “Best Price” for Tioga County.
16. All sign faces must meet current retro reflectivity standards.

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6.            Graphic Film

## Item #            Group 2 – Pre-Printed Sign Faces

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## **Group 1 – Rolls (Specifications/Descriptions/Requirements)**

### Item 1 – Engineer Grade Reflective Sheeting – Rolls

ASTM Type 1. Comparable to 3M 3270 or Approved Equal

Usage:            Traffic Signs

Field Performance: 7 Years

Application Surface: Aluminum

Adhesive:        Pressure Sensitive

Specifications:    Meet or Exceed ASTM Type I

Colors:            All Standard/Available

Roll Size:        Length:        50 yards

Widths:          12 inches to 30 inches

Item 2 – High Intensity Prismatic Reflective Sheeting – Rolls

ASTM Type III. Comparable to 3M 3930 or Approved Equal

Usage: Traffic Signs  
Field Performance: 10 Years  
Application Surface: Aluminum  
Adhesive: Pressure Sensitive  
Specifications: Prismatic Sheeting to Meet or Exceed ASTM Type III  
Colors: All Standard/Available  
Roll Size: Length: 50 yards  
Widths: 12 inches to 30 inches

Item 3 – Diamond Grade Cubed Reflective Sheeting – Rolls

ASTM Type XI. Fluorescent Comparable to 3M 4081, 3M 4083, and 3M 4084 or Approved Equal

Usage: Traffic Signs  
Field Performance: 12 Years  
Application Surface: Aluminum  
Adhesive: Pressure Sensitive  
Specifications: Meet or Exceed ASTM Type XI, Fluorescent  
Colors: Fluorescent, Yellow, Yellow-Green, and Orange  
Roll Size: Length: 50 yards  
Widths: 12 inches to 30 inches

Item 4 – Fluorescent Diamond Grade Reflective Sheeting – Rolls

ASTM Type XI Fluorescent. Comparable to 3M 4080 or Approved Equal

Usage: Traffic Signs  
Field Performance: 12 Years  
Application Surface: Aluminum  
Adhesive: Pressure Sensitive  
Specifications: Meet or Exceed ASTM Type IX, Fluorescent  
Colors: All Standard/Available  
Roll Size: Length: 50 yards  
Widths: 12 inches to 30 inches

Item 5 – Application/Pre-Spacing Tapes – Rolls

Pre-Spacing and Transfer Tapes. Comparable to 3M TPM-5 and 3M SCPS-2 or Approved Equal

Usage: Sign Making  
Field Performance: Sign Shop Use Only  
Application Surface: Signs  
Adhesive: Pressure Sensitive  
Specifications: 3M TPM-5, 3M SCPS-2, or Approved Equal  
Colors: None  
Roll Size: Length: 100 yards  
Widths: 4 inches to 6 inches

Item 6 – Graphic Film – Rolls

3M Controltac Graphic Film 180C-12 or Approved Equal

Usage: Traffic Signs

Field Performance: 10 Years

Application Surface: Aluminum

Adhesive: Pressure Sensitive

Specifications: 3M Controltac Graphic Film 180C-12 or Approved Equal

Colors: Black

Roll Size: Length: 50 yards

Widths: 3 inches to 6 inches

**Group 2 – Pre-Printed Sign Faces (Specifications, Descriptions, Requirements)**

Item 7 – Diamond Grade Cubed (Affixed to Sign Blank) – Pre-Printed Sign Faces

ASTM Type XI Reflective Sheeting. Comparable to 3M DG3 Series 3930 or Approved Equal – Symbols in Conformance with MUTCD Standards

Usage: Traffic Signs

Field Performance: 12 Years

Application Surface: Aluminum (Included)

Adhesive: Pressure Sensitive

Specifications: ASTM Type XI, MUTCD Standards, Comparable to 3M DG3 Series 3930 or Approved Equal

Colors: Red Regulatory Screened Face

One Color Screened Face

Two Color Screened Face

Three Color Screened Face

Sizes: 8 inches to 48 inches

0 to 1 square feet

1 to 4 square feet

4+ square feet

Item 8 – Two-Sided Diamond Grade Cubed (Affixed to Sign Blank) – Pre-Printed Sign Faces

ASTM Type XI Reflective Sheeting. Comparable to 3M DG3 Series 3930 or Approved Equal – Symbols in Conformance with MUTCD Standards, Two-Sided

Usage: Traffic Signs

Field Performance: 12 Years

Application Surface: Aluminum (Included)

Adhesive: Pressure Sensitive

Specifications: ASTM Type XI, MUTCD Standards, Comparable to 3M DG3 Series 3930 or Approved Equal, Two-Sided

Colors: Red Regulatory Screened Face

One Color Screened Face

Two Color Screened Face

Three Color Screened Face

Sizes: 8 inches to 48 inches

0 to 1 square feet

1 to 4 square feet

4+ square feet

Item 9 – Fluorescent Diamond Grade (Affixed to Sign Blank) – Pre-Printed Sign Faces

ASTM Type XI Fluorescent. Comparable to 3M DG3 Series 4081, 4083, and 4084 or Approved Equal – Symbols in Conformance with MUTCD Standards

Usage: Traffic Signs  
Field Performance: 12 Years  
Application Surface: Aluminum (Included)  
Adhesive: Pressure Sensitive  
Specifications: ASTM Type XI Fluorescent, MUTCD Standards, Comparable to 3M DG3 Series 4081, 4083, and 4084 or Approved Equal  
Colors: One Color Screened Sign Face  
Sizes: 8 inches to 48 inches  
0 to 1 square feet  
1 to 4 square feet  
4+ square feet

Item 10 – Aluminum Sign Panels

Sign panels shall be 0.080 inch aluminum alloy #50-52 H38, cleaned, etched, and standard hole punched or as ordered.

**CANCELLATION:**

Tioga County reserves the right to cancel the contract for unsatisfactory workmanship or unsatisfactory service at any point in the contract year, upon issuance of ten (10) days written notice to that effect.

**AWARD:**

The award of this contract shall be based on the lowest responsible bid. Bidders must bid on all components of each section and all items bid must be from a single manufacturer to be eligible for award. An award will be based on all products meeting Tioga County’s specifications as outlined in the bid document. All products must be compatible with the materials that will be used in the production of traffic signs and graphic markings. A no bid on any item within a group, may disqualify the bidder from the group award. Considerations will be made to availability of material, delivery and past history as well as the current standing of the supplier within the industry.

**PREFERENCE:**

A 5% preference will be provided for all materials that are 100% produced in the U.S., offered by a U.S. bidder, and technical service personnel located in the U.S.

**WARRANTY:**

All materials supplied by the contractor shall carry the standard manufacturer’s warranty.

The warranty must be from the major component (optical layer and top-films) manufacturer of the sheeting material. Manufacturer’s warranty for all materials shall start on the date the sheeting is applied. The warranty shall be supplied in writing and included with the bid package. Any warranty that does not conform to the warranty and replacement obligations as outlined in the standard specifications (80% reflectivity retention of Type III and 70% retention for Type IX at all angles after 10

years, 70% retention of Type I after 7 years), imaging system failures & contract ratio deficiencies that do not require total sign replacement, will disqualify the bid.

**SIGN FACES AND SIGN BLANKS BID PRICES:**

**Group 1 – Roll Goods**

The bidder is to refer to the specifications, descriptions, and requirements for each item. The bidder is to supply: Bid price per square foot.

**Item #1**

Engineer Grade Reflective Sheeting – Rolls \$ \_\_\_\_\_ per sq. ft.

**Item #2**

High Intensity Prismatic Reflective Sheeting – Rolls \$ \_\_\_\_\_ per sq. ft.

**Item #3**

Diamond Grade Cubed Reflective Sheeting – Rolls \$ \_\_\_\_\_ per sq. ft.

**Item #4**

Fluorescent Diamond Grade Reflective Sheeting – Rolls \$ \_\_\_\_\_ per sq. ft.

**Item #5**

Application/Pre-Spacing Tapes – Rolls \$ \_\_\_\_\_ per sq. ft.

**Item #6**

Graphic Film – Rolls \$ \_\_\_\_\_ per sq. ft.

**Group 2 – Pre-Printed Sign Faces**

**Item #7**

Diamond Grade Cubed (Affixed to Sign Blank) – Pre-Printed Sign Faces \$ \_\_\_\_\_ per sq. ft.

**Item #8**

Two-Sided Diamond Grade Cubed  
(Affixed to Sign Blank) – Pre-Printed Sign Faces \$ \_\_\_\_\_ per sq. ft.

**Item #9**

Fluorescent Diamond Grade  
(Affixed to Sign Blank) – Pre-Printed Sign Faces \$ \_\_\_\_\_ per sq. ft.

**Item #10**

Aluminum Sign Panels \$ \_\_\_\_\_ per sq. ft.



The undersigned proposes and offers to furnish, to Tioga County, Carpeting, Installed, the Specifications for which are attached. This proposal and offer is fully guaranteed to fulfill, in all respects, the minimum specifications as prepared by Tioga County. It is hereby certified that, in accordance with Section 103-D of the General Municipal Law, THERE HAS BEEN NO COLLUSION IN THIS BIDDING.

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

Address of Company: \_\_\_\_\_

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

Name of Officer: \_\_\_\_\_

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

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

Municipalities should not use the county bid for any items involving labor.

THE REQUIRED NON-COLLUSION FORM MUST ACCOMPANY BID.

**Gary Hammond, P.E.**

**Commissioner**

**Tioga County Public Works**

**TO ALL BIDDERS**

In accordance with the New York State General Municipal Law the following Non-Collusion form must accompany each proposal.

**NON-COLLUSIVE BIDDING CERTIFICATE**

By submission of this bid or proposal, the bidder certifies that:

- (A) this bid or proposal has been independently arrived at without collusion with any other bidder or with any competitor or potential competitor;
- (B) or proposal has not been knowingly disclosed and will not be knowingly disclosed prior to the opening of bids or proposals for this project, to any other bidder, competitor or potential competitor;
- (C) no attempt has been or will be made to induce any other person, partnership or corporation to submit or not to submit a bid or proposal;
- (D) the person signing this bid or proposal certifies that he has fully informed himself regarding the accuracy of the statements contained in this certification, and under the penalty of perjury, affirms the truth thereof, such penalties being applicable to the bidder as well as to the person signing in its behalf;
- (E) that attached hereto (if a corporate bidder) is a certified copy of resolution authorizing the execution of this certificate by the signature of this bid or proposal in behalf of the corporate bidder.

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(Authorized Representative)

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(Signature)