



1. Solicitation #: AC0008/Reflective  
Sheeting

2. Solicitation Issue Date: 10/13/2025

3. Brief Description of Requirement:

This Solicitation is for Agency Contract #0008 for Reflective Sheeting.

Questions must be submitted in writing by email to **odotbids@odot.ok.gov** by Monday, October 20, 2025, at 2:00 pm. Responses to any questions will be posted by Monday, October 27, 2025, by 2:00 pm.

**The Solicitation is let as a Request for Proposal pursuant to and in accordance with Oklahoma Statute, Title 74, Section 85.12.B.3.**

**Electronic bids are considered sealed bids, and the attachments will not be opened until the bid closing time. Electronic bids should be emailed to the email address listed below.**

4. Response Due Date<sup>1</sup>: 10/31/2025 Time: 2:00 PM CST/CDT

5. Issued By and **RETURN SEALED BID TO<sup>2</sup>:**

Electronic Submission Address: odotbids@odot.ok.gov

6. Solicitation Type (type "X" at one below):

- ☐ Invitation to Bid  
☒ Request for Proposal  
☐ Request for Quote

7. Contracting Officer:

Name: Heather Osborne, CPO II

Email: [hosborne@odot.org](mailto:hosborne@odot.org)

<sup>1</sup> Amendments to solicitation may change the Response Due Date (read GENERAL PROVISIONS, section 3, "Solicitation Amendments").

<sup>2</sup> If "U.S. Postal Delivery" differs from "Carrier Delivery", use "Carrier Delivery" for courier or personal deliveries.

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*"Certification for Competitive Bid and Contract" **MUST** be submitted along with the response to the Solicitation.*

**1. RE: Solicitation #** AC0008 / Reflective Sheeting

**2. Bidder General Information:**

FEI / SSN : \_\_\_\_\_ Supplier ID: \_\_\_\_\_

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

**3. Bidder Contact Information:**

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

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

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

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

Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Email: \_\_\_\_\_ Website: \_\_\_\_\_

**4. Oklahoma Sales Tax Permit<sup>3</sup>:**

☐ YES – Permit #: \_\_\_\_\_

☐ NO – Exempt pursuant to Oklahoma Laws or Rules – Attach an explanation of exemption

**5. Registration with the Oklahoma Secretary of State:**

☐ YES - Filing Number: \_\_\_\_\_

☐ NO - Prior to the contract award, the successful bidder will be required to register with the Secretary of State or must attach a signed statement that provides specific details supporting the exemption the supplier is claiming ([www.sos.ok.gov](http://www.sos.ok.gov) or 405-521-3911).

**6. Workers' Compensation Insurance Coverage:**

Bidder is required to provide with the bid a certificate of insurance showing proof of compliance with the Oklahoma Workers' Compensation Act.

☐ YES – Include with the bid a certificate of insurance.

☐ NO – Exempt from the Workers' Compensation Act pursuant to 85A O.S. § 2(18)(b)(1-11) – Attach a written, signed, and dated statement on letterhead stating the reason for the exempt status.<sup>4</sup>

<sup>3</sup> For frequently asked questions concerning Oklahoma Sales Tax Permit, see <https://www.ok.gov/tax/Businesses/index.html>

<sup>4</sup> For frequently asked questions concerning workers' compensation insurance, see <https://www.ok.gov/wcc/Insurance/index.html>

**7. Disabled Veteran Business Enterprise Act**

☐ YES – I am a service-disabled veteran business as defined in 74 O.S. §85.44E. Include with the bid response 1) certification of service-disabled veteran status as verified by the appropriate federal agency, and 2) verification of not less than 51% ownership by one or more service-disabled veterans, and 3) verification of the control of the management and daily business operations by one or more service-disabled veterans.

☐ NO – Do not meet the criteria as a service-disabled veteran business.

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Authorized Signature

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Date

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Printed Name

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Title



**CERTIFICATION FOR COMPETITIVE  
BID AND/OR CONTRACT  
(NON-COLLUSION CERTIFICATION)**

**Note:** A certification shall be included with any competitive bid and/or contract exceeding \$25,000.00 submitted to the state for goods or services.

**GENERAL INFORMATION**

Agency name	Agency #
Supplier or bidder legal name	Solicitation # or purchase order #

**Section 1 74 O.S. § 85.22**

- A.** For purposes of any competitive bid or contract executed by the state for an acquisition in excess of the fair and reasonable acquisition threshold amount, I certify:
1. I am the duly authorized agent of the above-named supplier or bidder for the purpose of certifying the facts pertaining to the existence of collusion among and between bidders and suppliers and state officials or employees, as well as facts pertaining to the giving or offering of things of value to government personnel in return for special consideration in connection with the prospective acquisition.
  2. I am fully aware of the facts and circumstances surrounding the acquisition or making of the bid to which this statement relates and have been personally and directly involved in the events leading to the acquisition or submission of such bid.
  3. Neither the business entity that I represent in this certification nor anyone subject to the business entity's direction or control has been a party to:
    - a. Any collusion among bidders or suppliers in restraint of freedom of competition by agreement to bid or contract at a fixed price or to refrain from bidding or contracting.
    - b. Any collusion with any state official or employee as to quantity, quality or price in the prospective contract, or as to any other terms of such prospective contract.
    - c. Any discussions between bidders or suppliers and any state official concerning exchange of money or other thing of value for special consideration in connection with the prospective contract.
- B.** I certify, if awarded the contract, whether competitively bid or not, neither the business entity I represent nor anyone subject to the business entity's direction or control has paid, given or donated or agreed to pay, give or donate to any officer or employee of this state any money or other thing of value, either directly or indirectly, in procuring the contract to which this statement relates.

**Section 2 74 O.S. § 85.42**

For the purpose of a contract for services, the supplier also certifies that no person who has been involved in any manner in the development of this contract while employed by the State of Oklahoma shall be employed by the supplier to fulfill any of the services provided for under said contract.

**Section 3 74 O.S. § 582**

For the purpose of a contract for goods or services, the supplier also certifies it is not currently engaged in a boycott of goods or services from Israel that constitutes an integral part of business conducted or sought to be conducted with the state.

**Section 4 74 O.S. § 12005**

For the purpose of a contract for goods or services, the supplier also certifies it is not currently engaged in a boycott of energy companies and will not boycott energy companies during the term of the contract.

**Section 5 DEBARMENT, SUSPENSION OR OTHER RESPONSIBILITY MATTERS**

For the purpose of a contract for goods or services, the supplier certifies any debarment, suspension, indictments, convictions, civil judgments and terminated public contracts have been disclosed to the state purchasing director.

**Section 6 74 O.S. § 85.5**

For the purposes of a contract for the physical performance of services, the supplier also certifies it is in compliance with the provisions of Section 1313 of Title 25 of the Oklahoma Statutes requiring all suppliers to register and participate in the Status Verification System to verify the work eligibility status of all new employees.

**Section 7 21 O.S. § 1289.31**

For the purpose of a contract for goods or services, the supplier also certifies it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association; and will not discriminate against a firearm entity or firearm trade association during the term of the contract.

**Section 8 74.O.S. § 85.22C**

List of all known business or familial relationships that currently exist or which existed within one year prior to the date on this form between any officer or director of the supplier and any officer or employee of the state agency listed on Page 1. State the names of persons with such relationships, their position within the organization, and the nature of such relationships.

- 1.
- 2.
- 3.

**If no such relationships exist, check the box below:**

- ☐ There are no known business or familial relationships that currently exist or which existed within one year prior to the date on this form between any officer or director of the supplier and any officer or employee of the state agency stated above.

**Section 9 74 O.S. § 85.42(B)**

Pursuant to 74 O.S. § 85.42(B), the supplier certifies that no person involved in any manner in the development, approval or negotiation of the contract, including change orders, extensions, renewals or amendments, while employed by the State of Oklahoma shall be employed or given anything of value to fulfill any services provided under the contract, including change orders, extensions, renewals or amendments.

**SIGNATURE**

By signing below, the undersigned duly authorized agent for the above-named bidder or supplier acknowledges this certification statement is executed for the purposes of one of the following:

- ☐ The competitive bid attached herewith and contract, if awarded to said supplier.
- ☐ The contract attached herewith, which was not competitively bid and awarded by the agency pursuant to applicable Oklahoma Statutes.

I state under penalty of perjury under the laws of Oklahoma that the foregoing is true and correct.

Supplier authorized signature	Certified this date	
Name	Email	
Title	Phone	Fax

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## **A. GENERAL PROVISIONS**

### **A.1. Definitions**

As used herein, the following terms shall have the following meaning unless the context clearly indicates otherwise:

- A.1.1. "Acquisition" means items, products, materials, supplies, services, and equipment an entity acquires by purchase, lease purchase, lease with option to purchase, or rental;
- A.1.2. "Addendum" means a written restatement of or modification to a Contract Document executed by the Supplier and State.
- A.1.3. "Bid" means an offer in the form of a bid, proposal, or quote a bidder submits in response to a solicitation;
- A.1.4. "Bidder" means an individual or business entity that submits a bid in response to a solicitation;
- A.1.5. "Solicitation" means a request or invitation by the State Purchasing Director or a state agency for a supplier to submit a priced offer to sell acquisitions to the state. A solicitation may be an invitation to bid, request for proposal, or a request for quotation; and
- A.1.6. "Supplier" or "vendor" means an individual or business entity that sells or desires to sell acquisitions to state agencies.

### **A.2. Bid Submission**

- A.2.1. Submitted bids shall be in strict conformity with the instructions to bidders and shall be submitted with a completed Responding Bidder Information, included with this packet, and any other forms required by the solicitation.
- A.2.2. Bids shall be submitted to the procuring agency electronically via email to the buyer listed in this solicitation. This will still remain a sealed bid and no attachments will be opened until bid closing.
- A.2.3. The required certification statement, "Certification for Competitive Bid and/or Contract (Non-Collusion Certification)", included with this packet, must be made out in the name of the bidder and must be properly executed by an authorized person, with full knowledge and acceptance of all its provisions.
- A.2.4. All bids shall be legible and completed in ink or with electronic printer or other similar office equipment. Any corrections to bids shall be identified and initialed in ink by the bidder. Penciled bids and penciled corrections shall NOT be accepted and will be rejected as non-responsive. The bidder is required to submit an electronic copy.
- A.2.5. All bids submitted shall be subject to the Oklahoma Central Purchasing Act, Central Purchasing Rules, and other statutory regulations as applicable, these General Provisions, any Special Provisions, solicitation specifications, required certification statement, and all other terms and conditions listed or attached herein—all of which are made part of this solicitation.

### **A.3. Solicitation Amendments**

- A.3.1. If an "Amendment of Solicitation", if included later with this packet, is issued, the bidder shall acknowledge receipt of any/all amendment(s) to solicitations by signing and returning the solicitation amendment(s). Amendment acknowledgement(s) may be submitted with the bid or may be forwarded separately. If forwarded separately, amendment acknowledgement(s) must contain the solicitation number and response due date and time on the front of the envelope. The procuring agency must receive the amendment acknowledgement(s) by the response due date and time specified for receipt of bids for the bid to be deemed responsive. Failure to acknowledge solicitation amendments may be grounds for rejection.
- A.3.2. No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in the solicitation. All amendments to the solicitation shall be made in writing by the procuring agency.
- A.3.3. It is the bidder's responsibility to check frequently for any possible amendments that may be issued. The procuring agency is not responsible for a bidder's failure to download any amendment documents required to complete a solicitation.

### **A.4. Bid Change**

If the bidder needs to change a bid prior to the solicitation response due date, a new bid shall be submitted to the procuring agency with the following statement "This bid supersedes the bid previously submitted."

## **A.5. Certification Regarding Debarment, Suspension, and Other Responsibility Matters**

By submitting a response to this solicitation:

- A.5.1. The prospective primary participant and any subcontractor certifies to the best of their knowledge and belief, that they and their principals or participants:
  - A.5.1.1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal, State or local department or agency;
  - A.5.1.2. Have not within a three-year period preceding this proposal been convicted of or pled guilty or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) contract; or for violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - A.5.1.3. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph A.5.1.2. of this certification; and
  - A.5.1.4. Have not within a three-year period preceding this application/proposal had one or more public (Federal, State, or local) contracts terminated for cause or default.
- A.5.2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to its solicitation response.

## **A.6. Bid Opening**

Sealed bids shall be opened by the Oklahoma Dept of Transportation located at 200 N.E. 21<sup>st</sup> Street  
Oklahoma City, OK 73105 at the time and date specified in the solicitation as the Response Due Date and Time.

## **A.7. Open Bid / Open Record**

Pursuant to the Oklahoma Public Open Records Act, a public bid opening does not make the bid(s) immediately accessible to the public. The procurement or contracting agency shall keep the bid(s) confidential and provide prompt and reasonable access to the records only after a contract is awarded or the solicitation is cancelled. This practice protects the integrity of the competitive bid process and prevents excessive disruption to the procurement process. The interest of achieving the best value for the State of Oklahoma outweighs the interest of vendors immediately knowing the contents of competitors' bids. [51 O.S. § 24A.5(5)]

Additionally, financial or proprietary information submitted by a bidder may be designated by the Procurement Division Manager as confidential and the procurement entity may reject all requests to disclose information designated as confidential pursuant to 62 O.S. (2012) § 34.11.1(H)(2) and 74 O.S. (2011) § 85.10. Bidders claiming any portion of their bid as proprietary or confidential must specifically identify what documents or portions of documents they consider confidential and identify applicable law supporting their claim of confidentiality. The ODOT General Counsel shall make the final decision as to whether the documentation or information is confidential pursuant to 74 O.S. § 85.10. Otherwise, documents and information a bidder submits as part of or in connection with a bid are public records and subject to disclosure after contract award or the solicitation is cancelled.

## **A.8. Late Bids**

Bids received by the procuring agency after the response due date and time shall be deemed non-responsive and shall NOT be considered for any resultant award.

## **A.9. Legal Contract**

- A.9.1. Submitted bids are rendered as a legal offer and any bid, when accepted by the procuring agency, shall constitute a contract.
- A.9.2. The Contract resulting from this solicitation may consist of the following documents in the following order of precedence:
  - A.9.2.1. Any Addendum to the Contract;
  - A.9.2.2. Purchase order, as amended by Change Order (if applicable);
  - A.9.2.3. Solicitation, as amended (if applicable); and

A.9.2.4. Successful bid (including required certifications), to the extent the bid does not conflict with the requirements of the solicitation or applicable law.

A.9.3. Any contract(s) awarded pursuant to the solicitation shall be legibly written or typed.

#### **A.10. Pricing**

A.10.1. Bids shall remain firm for a minimum of sixty (60) days from the solicitation closing date.

A.10.2. Bidders guarantee unit prices to be correct.

A.10.3. In accordance with 74 O.S. §85.40, ALL travel expenses to be incurred by the supplier in performance of the Contract shall be included in the total bid price/contract amount.

#### **A.11. Manufacturers' Name and Approved Equivalents**

Unless otherwise specified in the solicitation, manufacturers' names, brand names, information and/or catalog numbers listed in a specification are for information and not intended to limit competition. Bidder may offer any brand for which they are an authorized representative, and which meets or exceeds the specification for any item(s). However, if bids are based on equivalent products, indicate on the bid form the manufacturer's name and number. Bidder shall submit sketches, descriptive literature, and/or complete specifications with their bid. Reference to literature submitted with a previous bid will not satisfy this provision. The bidder shall also explain in detail the reason(s) why the proposed equivalent will meet the specifications and not be considered an exception thereto. Bids that do not comply with these requirements are subject to rejection.

#### **A.12. Clarification of Solicitation**

A.12.1. Clarification pertaining to the contents of this solicitation shall be directed in writing to the Contracting Officer specified in the solicitation, and must be prior to the closing date of the solicitation.

A.12.2. If a bidder fails to notify the State of an error, ambiguity, conflict, discrepancy, omission or other error in the SOLICITATION, known to the bidder, or that reasonably should have been known by the bidder, the bidder shall submit a bid at its own risk; and if awarded the contract, the bidder shall not be entitled to additional compensation, relief, or time, by reason of the error or its later correction. If a bidder takes exception to any requirement or specification contained in the SOLICITATION, these exceptions must be clearly and prominently stated in their response.

A.12.3. Bidders who believe proposal requirements or specifications are unnecessarily restrictive or limit competition may submit a written request for administrative review to the contracting officer listed on the solicitation. This request must be made prior to the closing date of the solicitation.

#### **A.13. Negotiations**

A.13.1. In accordance with Title 74 §85.5, the State of Oklahoma reserves the right to negotiate with one, selected, all or none of the vendors responding to this solicitation to obtain the best value for the State. Negotiations could entail discussions on products, services, pricing, contract terminology or any other issue that may mitigate the State's risks. The State shall consider all issues negotiable and not artificially constrained by internal corporate policies. Negotiation may be with one or more vendors, for any and all items in the vendor's offer.

A.13.2. Firms that contend that they lack flexibility because of their corporate policy on a particular negotiation item shall face a significant disadvantage and may not be considered. If such negotiations are conducted, the following conditions shall apply:

A.13.3. Negotiations may be conducted in person, in writing, or by telephone.

A.13.4. Negotiations shall only be conducted with potentially acceptable offers. The State reserves the right to limit negotiations to those offers that received the highest rankings during the initial evaluation phase.

A.13.5. Terms, conditions, prices, methodology, or other features of the bidders offer may be subject to negotiations and subsequent revision. As part of the negotiations, the bidder may be required to submit supporting financial, pricing, and other data in order to allow a detailed evaluation of the feasibility, reasonableness, and acceptability of the offer.

A.13.6. The requirements of the Request for Proposal shall not be negotiable and shall remain unchanged unless the State determines that a change in such requirements is in the best interest of the State Of Oklahoma.

#### **A.14. Rejection of Bid**

The State reserves the right to reject any bids that do not comply with the requirements and specifications of the solicitation. A bid may be rejected when the bidder imposes terms or conditions that would modify requirements of the

solicitation or limit the bidder's liability to the State. Other possible reasons for rejection of bids are listed in OAC 260:115-7-32.

#### **A.15. Award of Contract**

- A.15.1. The Procurement Division Manager may award the Contract to more than one bidder by awarding the Contract(s) by item or groups of items, or may award the Contract on an ALL OR NONE basis, whichever is deemed by the Procurement Division Manager to be in the best interest of the State of Oklahoma.
- A.15.2. Contract awards will be made to the lowest and best bidder(s) unless the solicitation specifies that best value criteria is being used.
- A.15.3. In order to receive an award or payments from the State of Oklahoma, suppliers must be registered. The vendor registration process can be completed electronically through the OMES website at the following link: [Supplier Portal](#)

#### **A.16. Contract Modification**

- A.16.1. The Contract is issued under the authority of the Procurement Division Manager who signs the Contract. The Contract may be modified only through a written Addendum, signed by the ODOT and the supplier.
- A.16.2. Any change to the Contract, including but not limited to the addition of work or materials, the revision of payment terms, or the substitution of work or materials, directed by a person who is not specifically authorized by the procuring agency in writing, or made unilaterally by the supplier, is a breach of the Contract. Unless otherwise specified by applicable law or rules, such changes, including unauthorized written Addendums, shall be void and without effect, and the supplier shall not be entitled to any claim under this Contract based on those changes. No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in the resultant Contract.

#### **A.17. Delivery, Inspection and Acceptance**

- A.17.1. Unless otherwise specified in the solicitation or awarding documents, all deliveries shall be F.O.B. Destination. The supplier(s) awarded the Contract shall prepay all packaging, handling, shipping and delivery charges and firm prices quoted in the bid shall include all such charges. All products and/or services to be delivered pursuant to the Contract shall be subject to final inspection and acceptance by the State at destination. "Destination" shall mean delivered to the receiving dock or other point specified in the purchase order. The State assumes no responsibility for goods until accepted by the State at the receiving point in good condition. Title and risk of loss or damage to all items shall be the responsibility of the supplier until accepted by the receiving agency. The supplier(s) awarded the Contract shall be responsible for filing, processing, and collecting any and all damage claims accruing prior to acceptance.
- A.17.2. Supplier(s) awarded the Contract shall be required to deliver products and services as bid on or before the required date. Deviations, substitutions or changes in products and services shall not be made unless expressly authorized in writing by the procuring agency.

#### **A.18. Invoicing and Payment**

- A.18.1. Upon submission of an accurate and proper invoice, the invoice shall be paid in arrears after products have been delivered or services provided and in accordance with applicable law. Invoices shall contain the purchase order number, a description of the products delivered or services provided, and the dates of such delivery or provision of services. An invoice is considered proper if sent to the proper recipient and goods or services have been received.
- A.18.2. State Acquisitions are exempt from sales and federal excise taxes. By Oklahoma Tax Commission Rule 710:65-7-13, ODOT's tax-exempt status does not pass to contractors, subcontractors, or their suppliers.
- A.18.3.** Pursuant to 74 O.S. §85.44(B), invoices will be paid in arrears after products have been delivered or services provided.
- A.18.4. Payment terms will be net 45. Interest on late payments made by the State of Oklahoma is governed by 62 O.S. § 34.72.
- A.18.5. Additional terms which provide discounts for earlier payment may be evaluated when making an award. Any such additional terms shall be no less than ten (10) days increasing in five (5) day increments up to thirty (30) days. The date from which the discount time is calculated shall be the date of a proper invoice.

#### **A.19. Tax Exemption**

State agency acquisitions are exempt from sales taxes and federal excise taxes. Bidders shall not include these taxes in price quotes.

#### **A.20. Audit and Records Clause**

- A.20.1. As used in this clause, "records" includes books, documents, accounting procedures and practices, and other data, regardless of type and regardless of whether such items are in written form, in the form of computer data, or in any other form. In accepting any Contract with the State, the successful bidder(s) agree any pertinent State or Federal agency will have the right to examine and audit all records relevant to execution and performance of the resultant Contract.
- A.20.2. The successful supplier(s) awarded the Contract(s) is required to retain records relative to the Contract for the duration of the Contract and for a period of seven (7) years following completion and/or termination of the Contract. If an audit, litigation, or other action involving such records is started before the end of the seven (7) year period, the records are required to be maintained for two (2) years from the date that all issues arising out of the action are resolved, or until the end of the seven (7) year retention period, whichever is later.

#### **A.21. Non-Appropriation Clause**

The terms of any Contract resulting from the solicitation and any Purchase Order issued for multiple years under the Contract are contingent upon sufficient appropriations being made by the Legislature or other appropriate government entity. Notwithstanding any language to the contrary in the solicitation, purchase order, or any other Contract document, the procuring agency may terminate its obligations under the Contract if sufficient appropriations are not made by the Legislature or other appropriate governing entity to pay amounts due for multiple year agreements. The Requesting (procuring) Agency's decisions as to whether sufficient appropriations are available shall be accepted by the supplier and shall be final and binding.

#### **A.22. Choice of Law**

Any claims, disputes, or litigation relating to the solicitation, or the execution, interpretation, performance, or enforcement of the Contract shall be governed by the laws of the State of Oklahoma.

#### **A.23. Choice of Venue**

Venue for any action, claim, dispute, or litigation relating in any way to the Contract shall be in Oklahoma County, Oklahoma.

#### **A.24. Termination for Cause**

- A.24.1. The supplier may terminate the Contract for default or other just cause with a 30-day written request and upon written approval from the procuring agency. The State may terminate the Contract for default or any other just cause upon a 30-day written notification to the supplier.
- A.24.2. The State may terminate the Contract immediately, without a 30-day written notice to the supplier, when violations are found to be an impediment to the function of an agency and detrimental to its cause, when conditions preclude the 30-day notice, or when the Procurement Division Manager determines that an administrative error occurred prior to Contract performance.
- A.24.3. If the Contract is terminated, the State shall be liable only for payment for products and/or services delivered and accepted.

#### **A.25. Termination for Convenience**

- A.25.1. The State may terminate the Contract, in whole or in part, for convenience if the Procurement Division Manager determines that termination is in the State's best interest. The Procurement Division Manager shall terminate the contract by delivering to the supplier a Notice of Termination for Convenience specifying the terms and effective date of Contract termination. The Contract termination date shall be a minimum of 60 days from the date the Notice of Termination for Convenience is issued by the Procurement Division Manager.
- A.25.2. If the Contract is terminated, the State shall be liable only for products and/or services delivered and accepted, and for costs and expenses (exclusive of profit) reasonably incurred prior to the date upon which the Notice of Termination for Convenience was received by the supplier.

#### **A.26. Insurance**

The successful supplier(s) awarded the Contract shall obtain and retain insurance, including workers' compensation, automobile insurance, medical malpractice, and general liability, as applicable, or as required by State or Federal law, prior to commencement of any work in connection with the Contract. The supplier awarded the Contract shall timely

renew the policies to be carried pursuant to this section throughout the term of the Contract and shall provide the procuring agency with evidence of such insurance and renewals.

**A.27. Employment Relationship**

The Contract does not create an employment relationship. Individuals performing services required by this Contract are not employees of the State of Oklahoma or the procuring agency. The supplier's employees shall not be considered employees of the State of Oklahoma nor of the procuring agency for any purpose, and accordingly shall not be eligible for rights or benefits accruing to state employees.

**A.28. Compliance with the Oklahoma Taxpayer and Citizen Protection Act of 2007**

By submitting a bid for services, the bidder certifies that they, and any proposed subcontractors, are in compliance with 25 O.S. §1313 and participate in the Status Verification System. The Status Verification System is defined in 25 O.S. §1312 and includes but is not limited to the free Employment Verification Program (E-Verify) through the Department of Homeland Security and available at [www.dhs.gov/E-Verify](http://www.dhs.gov/E-Verify).

**A.29. Compliance with Applicable Laws**

The products and services supplied under the Contract shall comply with all applicable Federal, State, and local laws, and the supplier shall maintain all applicable licenses and permit requirements.

**A.30. Special Provisions**

Special Provisions set forth in SECTION B apply with the same force and effect as these General Provisions. However, conflicts or inconsistencies shall be resolved in favor of the Special Provisions.

## **B. SPECIAL PROVISIONS**

### **B.1. Contract Period**

**B.1.1.** The contract period is for a 12-month period, commencing Date of award through one year. This contract may be renewed for up to three additional one-year periods, upon mutual agreement of both parties.

### **B.2. Type of Contract.**

**B.2.1.** This is a firm fixed price contract for indefinite delivery and indefinite quantity for the supplies specified.

### **B.3. Extension of Contract**

**B.3.1.** ODOT may extend the term of this contract up to 180 days if mutually agreed upon in writing by both parties.

### **B.4. Ordering.**

**B.4.1.** Any supplies and/or services to be furnished under this contract shall be ordered by issuance of written purchase orders by ODOT. There is no limit on the number that may be issued. Delivery to multiple destinations may be required. All orders are subject to the terms and conditions of this contract. Any order dated prior to expiration of this contract shall be performed. In the event of conflict between a purchase order and this contract, the contract shall have precedence.

### **B.5. Minimum Order Requirements**

**B.5.1.** Minimum orders will not be accepted.

### **B.6. Volume Discounts**

**B.6.1.** Proposers shall list any type of volume discount offered with their solicitation response.

### **B.7. Prompt Payment Discounts.**

**B.7.1.** Discounts for prompt payment will not be considered in the evaluation of offers. However, any discount offered will be annotated on the award and may be taken if payment is made within the discount period.

### **B.8. Gratuities.**

**B.8.1.** The right of the successful offeror to perform under this contract may be terminated by written notice if the Contracting Officer determines that the successful offeror, or its agent or another representative, offered or gave a gratuity (e.g., an entertainment or gift) to an officer, official or employee of the Department of Transportation.

### **B.9. Proposal Conformity.**

**B.9.1.** By submitting a response to this solicitation, the offeror attests that the supplies or services conform to specified contract requirements.

### **B.10. Indemnification and Hold Harmless Clause**

**B.10.1.** The Contractor shall indemnify and save harmless ODOT, their respective officers, employees and agents from all claims, suits, or actions of every kind and character made upon or brought against ODOT, their respective officers, employees and agents, for or on account of any injuries or damages received or sustained by any part or parties by or from acts of said Contractor or its servants, agents, and subcontractors, in doing the work and rendered the services contracted for, or by or consequence of any negligence in operation, or any improper material or equipment used, or by or on account of any fact or omission of said Contractor or his or its servants, agents, and subcontractors. This hold harmless and indemnity obligation shall include attorney's fees, court cost and all other expenses incurred in the investigation and defense of any claim or suit.

### **B.11. Required Delivery.**

**B.11.1.** Delivery shall be made as ordered by the agency.

**B.11.2.** Delivery to End Users: Authorized Users are located throughout the State, both within and outside of major metropolitan areas. Whenever possible, Authorized Users will work with Contractor to develop delivery schedules. All deliveries must be made on days and times acceptable to Authorized Users.

### **B.12. Product Acceptability.**

**B.12.1.** Proposals will be considered only on products, manufactured or produced for distribution for use in the United States.

**B.12.2.** Products shall be new and current. Factory reconditioned, refurbished or second equipment will not be accepted.

### **B.13. Product Availability.**

- B.13.1.** Product proposed must be a current product available for general marketing purposes at the opening of this solicitation. Perspective offerors must use best effort to assure product availability through duration of contract period.
- B.13.2.** ODOT will not allow any cancellation of products without an equal and acceptable replacement approved by the ODOT Procurement Division. Contractors should communicate manufacturer's discontinuation of any products to the ODOT Procurement Division buyer in writing within five (5) business days of notification by manufacturer. In such instances, Contractors should work with the ODOT Procurement Division buyer to identify and implement alternative options that will maintain or reduce costs associated with the replacements. Contractors should offer suggested replacements of discontinued products at least 30 days prior to substitution, including replacement product number, description, and final price.

**B.14. Warranty**

- B.14.1.** The Successful respondent agrees the products furnished under this contract shall be covered by the most favorable commercial warranties the Supplier gives to any customer for such products; and rights and remedies provided herein are in addition to and do not limit any rights afforded to the State of Oklahoma by any other clause of this contract.

**B.15. Conflict of Interest**

- B.15.1.** A Request for Proposal is subject to the provisions of the Oklahoma Statutes. All suppliers must disclose with their response the name of any officer, director or agency who is also an employee of the State of Oklahoma or any of its agencies. Further, all suppliers must disclose the name of any State Employee who owns, directly or indirectly, an interest of five percent (5%) or more in the suppliers firm or any of its branches.

**B.16. Patents and Royalties**

- B.16.1.** The supplier, without exception, shall indemnify and save harmless the State of Oklahoma and its employees from liability of any nature or kind, including cost and expenses for or on account of any copyrighted, patented, or unpatented invention, process, or article manufactured or used in the performance of the contract including its use by the State of Oklahoma. If the supplier uses any design, device or materials covered by letters, patent copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or cost arising from the use of such design, device, or materials in any way involved in the work.

**B.17. Testing for Conformance**

- B.17.1.** Items may be tested for compliance with specifications by appropriate testing laboratories. The data derived from any test for compliance with specifications are public records and open to examination thereto in accordance with Oklahoma Statutes.
- B.17.2.** Items delivered not conforming to specifications may be rejected. Any violation of these stipulations may result in supplier's name being removed from the Central Purchasing Supplier Vendor listing.
- B.17.3.** In all cases when material fails to meet specifications the cost of testing shall be paid for by the vendor, both on samples and delivered material.

**B.18. MSDS Sheets**

- B.18.1.** MSDS sheets must be supplied for products with delivery of product to requesting agency if requested.

**B.19. Travel**

- B.19.1.** No reimbursable travel is contemplated under the terms of this contract.

**B.20. Awarded Supplier(s) Invoices**

- B.20.1.** The Supplier will be required to submit invoices that have single line billing – the combined cost of the product and the cost for delivery. Delay in paying an invoice due to pricing errors by the Vendor will not require an agency to pay an interest charge for late payments.
- B.20.2.** Any credits or debits for fuel surcharges, late deliveries, etc., must be detailed and clearly shown on the invoice as a credit or debit, whichever is applicable, as a separate line item.
- B.20.3.** To ensure prompt payment, the invoice shall include the following information:
- B.20.4.** Purchase order number if applicable.
- B.20.5.** Name of government entity.
- B.20.6.** Description of supplies provided.
- B.20.7.** Name of company who provided the products/services.
- B.20.8.** Payment remittance address.

**B.20.9.** In case of partial delivery the state agency may make partial payment, dependent on the dollar value, or hold all invoices for final delivery to be completed.

**B.21. Civil Rights Act of 1964**

**B.21.1.** The Contractor agrees to comply with Title VI of the Civil Rights Act of 1964, 78 O.S. 252, 42 U.S.C. 200d et. Seq., and all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Part 21 – “Nondiscrimination in federally assisted programs of the Department of Transportation – effectuation of Title VI of the Civil Rights Act of 1964”.

**B.22. Equal Employment Opportunity**

**B.22.1.** In connection with the execution of this CONTRACT, the CONTRACTOR shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, age or national origin. The CONTRACTOR shall take affirmative action to ensure the applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, age or national origin. Such actions shall include, but not be limited to, the following: employment; upgrading; demotion or transfer; recruitment or advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

**B.23. Assignment**

**B.23.1.** The Contractor shall NOT sublet, sell, transfer, assign, or otherwise dispose of the contract or contracts or any portion thereof, or of his right, title, or interest therein, without written consent of ODOT. In case such consent is given, the Contractor will be permitted to sublet a portion thereof, but shall perform with his own organization, work amounting to not less than 80% of the total contract cost, except that any items designated in the contract as “specialty items” may be performed by sub-contract and the cost of any such “specialty items” so performed sub-contract may be deducted from the total cost before computing amount of work required to be performed by the Contractor with his own organization. For this contract, “specialty items” will be defined to include the following activities: 1) Construction signing and traffic control and 2) Joint sealing. Request for permission to sublet, assign, or otherwise dispose of any portion of the contract shall be in writing and accompanied by a statement showing that the organization which will be performing the work is particularly experienced and equipped for such work. No sub-contracts, or transfer of contract, shall in any case release the Contractor of his liability under the contract and bonds.

**B.24. Cure Cause & Breach of Contract**

**B.24.1.** Upon written notification from requesting agency concerning the Contractor’s failure to perform up to contract specifications, the Contractor shall have three (3) calendar days to cure said deficiency and document cure to requesting agency. Three such occurrences within the contract period shall be deemed breach of contract by the Contractor and cause for ODOT to cancel this contract on seven

**B.24.2.** (7) Days written notice to the Contractor. In the event of cancellation of this contract, the Contractor agrees to perform the terms and conditions of this contract up to and including date of cancellation, as though no cancellation has been made.

**B.25. Discounts**

**B.25.1.** Discounts for prompt payment will not be considered in the evaluation of proposals. However, any discount offered will be annotated on the award and may be taken if payment is made within the discount period.

**B.26. Negotiations**

**B.26.1.** The offeror is advised that under the provisions of this Request for Proposal, ODOT reserves the right to conduct negotiations of the proposals received or to award a contract without negotiations. ODOT may negotiate if deemed necessary, and will determine the scope and subject of any negotiations. However, the Offeror should not expect that ODOT will negotiate to give the Offeror an opportunity to strengthen its proposal. Therefore, the Offeror must submit its best offer based on the terms and condition set forth in this solicitation. If such negotiations are conducted, the following conditions shall apply.

**B.26.2.** Negotiations may be conducted in person, in writing, or by telephone.

**B.26.3.** Negotiations will only be conducted with potentially acceptable proposals. The Central Purchasing Division reserves the right to limit negotiations to those proposals that received the highest rankings during the initial evaluation phase. All offeror’s involved in the negotiation process will be invited to submit a best and final offer.

**B.26.4.** Terms, conditions, prices, methodology, or other features of the offeror’s proposal may be subject to negotiation and subsequent revision. As part of the negotiations, the offeror may be required to submit supporting financial, pricing and other data in order to allow a detailed evaluation of the feasibility, reasonableness, and acceptability of the proposal

**B.26.5.** The mandatory requirements of the Request for Proposal shall not be negotiable and shall remain unchanged unless ODOT determines that a change in such requirements is in the best interest of the ODOT.

## **B.27. Price Adjustments**

**B.27.1.** Prices must remain firm for the first year of the contract period. After the first year of the contract period, and every year after, the awarded supplier(s) may file for a price adjustment consistent with and relative to price changes originating with the manufacturer and/or the market trends on an annual basis. The new pricing medium must be sent with the request for adjustment. Requests for such an adjustment must be fully documented and, if approved, shall be firm for until the next annual anniversary date of the contract. ODOT reserves the right to reject any requested price adjustments if deemed excessive by the ODOT Procurement Division.

## **B.28. Authority for Solicitation**

**B.28.1.** ODOT is issuing this solicitation in accordance with Oklahoma State Statute, Title 74, Chapter 4, Section 85.12.B.3

## **B.29. Use of Contract by Other Entities**

**B.29.1.** This contract may be utilized by other governmental entities. The requesting entity shall send a letter requesting permission to utilize the contract to the contracting officer listed on the front of the solicitation packet.

## **C. SOLICITATION SPECIFICATIONS**

### **C.1. Scope**

**C.1.1.** This specification shall cover the State of Oklahoma requirements for retroreflective sheeting, reboundable retroreflective sheeting, screen ink systems, colored transparent and opaque non-reflective electronically cuttable films, with adhesive backing. Typical applications for these materials are for permanent highway signing, temporary traffic control devices, delineators, barricades and other devices. This specification shall be in effect on the date of invitation to bid.

**C.1.2.** All material furnished under this specification shall have been manufactured within 18 months of the delivery date.

### **C.2. Terminology**

**C.2.1.** Reboundable sheeting: a retroreflective material intended to be attached to flexible impact resistant plastic devices, such as traffic drum-like channelizing devices. See Section C.14.1 for reboundable sheeting performance requirements.

**C.2.2.** Rotational Sensitive Sheeting: when tested in accordance with ASTM E810, the average coefficient of retroreflection ( $R_A$ ) for a set of three samples taken from the same roll must not vary more than 20 percent between  $R_A$  measured at 0, 45, 90, and 120 degrees of rotation in order to be considered rotationally insensitive. The purchaser may specify other rotational angles, and observation and entrance angles for testing. Sheeting not meeting the 20 percent maximum rotational sensitive requirements, shall clearly be identified as rotational sensitive sheeting, and the manufacture must provide identification marks or other features (such as a datum mark, titles, or distinct seal pattern) in or on the sheeting face denoting the optimum orientation of the sheeting. The markings or features must be visible from a minimum distance of 2 ft. and must be arrayed in such a manner that they will be readily distinguishable on cutout legends, symbols, or boarders. If requested by the purchaser, the manufacturer must provide fabrication guidelines outlying optimum sheeting orientation.

### **C.3. Classification**

**C.3.1.** Retroreflective sheeting shall meet the types, classes and specifications set forth in AASHTO M 268-15 (latest revision) "*Standard Specification for Retroreflective Sheeting for Flat and vertical Traffic Control Applications*," and ASTM D 4956-17 (latest revision) "*Standard Specification for Retroreflective Sheeting for Traffic Control*," unless otherwise noted.

**C.3.2.** The following types, classes and specifications, based on ASHTO M 268-15 and ASTM D 4956-17, are allowed per this specification:

**C.3.2.1.** AASHTO Type A – Retroreflective sheeting materials meeting Type A are typically constructed of encapsulated microscopic glass bead lens construction.

**C.3.2.2.** AASHTO Type B – Retroreflective sheeting materials meeting Type B are typically constructed of unmetallized microprismatic optics. These triangular microprismatic materials do not have a significant 1-degree observation angle performance.

**C.3.2.3.** AASHTO Type C – Retroreflective sheeting materials meeting Type C are typically constructed of unmetallized microprismatic optics. These triangular microprismatic materials have a significant 1-degree observation angle performance.

**C.3.2.4.** AASHTO Type D – Retroreflective sheeting materials meeting Type D are typically constructed of unmetallized microprismatic optics. These materials have 0.5- and 1-degree observation angle performance approximately two times greater than Type C materials.

- C.3.2.5.** ASTM Type I – A retroreflective sheeting referred to as "engineering grade" that is typically an enclosed lens glass-bead sheeting. This type of sheeting is not approved for use on the highway system.
- C.3.2.6.** ASTM Type II – A retroreflective sheeting sometimes referred to as "super engineering grade" that is typically an enclosed lens glass-bead sheeting. This type of sheeting is not approved for use on the highway system.
- C.3.2.7.** ASTM Type III – Not allowed. See Type IV.
- C.3.2.8.** ASTM Type IV – A retroreflective sheeting referred to as "high-intensity" that is typically an unmetallized microprismatic retroreflective element material.
- C.3.2.9.** ASTM Type V – A retroreflective sheeting referred to as "super high-intensity" that is typically a metallized microprismatic retroreflective element material. This sheeting is typically used for delineators.
- C.3.2.10.** ASTM Type VI – An elastomeric retroreflective sheeting without adhesive. This sheeting is typically a vinyl microprismatic retroreflective material. Applications include orange temporary roll-up warning signs, traffic cone collars, and post bands.
- C.3.2.11.** ASTM type VII – has been discontinued.
- C.3.2.12.** ASTM Type VIII – A retroreflective sheeting typically manufactured as an unmetallized cube corner microprismatic retroreflective element material.
- C.3.2.13.** ASTM Type IX – A retroreflective sheeting typically manufactured as an unmetallized cube corner microprismatic retroreflective element material.
- C.3.2.14.** ASTM type X – has been discontinued.
- C.3.2.15.** ASTM Type XI – A retroreflective sheeting typically manufactured as an unmetallized cube corner microprismatic retroreflective element material.
- C.3.2.16.** AASHTO/ASTM Class 1 – Adhesive backing shall be pressure-sensitive and require no heat, solvent, or other preparation for adhesion to smooth, clean surfaces.

#### **C.4. Obligations and Requirements**

##### **C.4.1. Manufacturers'/Suppliers' Requirements:**

- C.4.1.1.** Due to new requirements for retroreflective sign sheeting in this specification, ODOT requests all manufacturers to submit Traffic New Product Evaluation (TNPE, current version dated 07/31/2017) form for each item in the bid. This request also applies for products that are currently listed in the Qualified Products List (QPL). The form can be downloaded from the link below, and is attached with this specification.

<http://www.okladot.state.ok.us/traffic/pdfs/producteval.pdf>

- C.4.2.** Submitted TNPE forms and supporting documents may be reviewed by a special QPL committee and/or by Traffic Engineering Division after bid closing. Products that are found to meet this specification shall be considered for the award and shall also be added to the QPL for off-contract use. ODOT reserves the right to make the final determination as to the material manufacturer's ability to meet this specification.

- C.4.2.1.** Technical Support: The sheeting manufacturer shall provide training and technical support to the sheeting applicators, and shall provide a copy of the current training materials/manuals (and any updates as they occur) to the Chief Traffic Engineer.
- C.4.2.2.** Pending Problem Resolution: Prospective material supplier or bidder with unresolved pending issues (materials or performance issues with ODOT) may not be considered for award in connection with any advertisement of this contract specification.

#### **C.5. Sheeting Manufacturer's Obligation**

- C.5.1.** Field Performance Replacement: When and where it can be shown that signs processed according to the sheeting manufacturer's recommendations (unless otherwise specified in the specification) do not meet the field performance requirements (Section C.12), the sheeting manufacturer shall cover the total costs of replacement, including labor, of the sign on the roadway or of restoring the sign surface to its original effectiveness at no cost to the purchaser. The replacement sheeting shall be the same type of sheeting originally specified, meet all the requirements of this specification and be prequalified by ODOT.
- C.5.2.** Traffic Control Liability: A quality written and/or drafted Temporary Traffic Control (TTC) Plan in accordance with the MUTCD latest approved edition, MUTCD Chapter 6 latest approved edition, corresponding Oklahoma MUTCD Supplement, and ODOT Standard Drawings shall be required, in the event the manufacturer or their contractor's perform work to replace a failed sign per C.5.1. The manufacturer or their contractor shall submit the TTC Plan to ODOT's local field division and shall not begin any work prior to the written approval by ODOT's local field division. Purchaser shall be held harmless from any liability that may arise from the manufacturer or contractor's operations.

- C.5.3.** 30-Day Notification: Within 30 calendar days of notification of a potential problem, the sheeting manufacturer or supplier shall schedule an on-site product performance investigation with purchaser's designated personnel.
- C.5.4.** 120-Day Obligation: The sheeting manufacturer or supplier shall fulfill all sign replacement or refurbishment obligations within 120 calendar days after determination of product failure. The purchaser may choose to correct (by their own forces or contract) any failed product that is not replaced within 120 days. The manufacturer shall be liable for all cost associated with the correction performed by purchaser.
- C.5.5.** Removing Nonfunctioning Signs: When, in the judgment of the purchaser, a deteriorated sign presents a traffic hazard, the purchaser reserves the right to remove the sign from the roadway and place the sign in storage for the manufacturer's inspection. When inspections reveal a product failure, the manufacturer is obligated to replace or shall reimburse purchaser for all costs, including labor, involved in replacing the sign.
- C.5.6.** Representative: Purchaser reserves the right to place a representative on the job to ensure that signs are replaced or refurbished in accordance with ODOT standards.
- C.5.7.** Additional Testing: Purchaser may test signs or sign faces used to fulfill the sheeting manufacturer's obligation to ensure compliance with this specification, AASHTO M 268-15 (latest revision) and ASTM D 4956-17 (latest revision).
- C.5.8.** Samples: Provide samples, not smaller than 12" x 12", for each item bid.
- C.5.9.** Ordering and Delivery: In addition to Section A.16 of the General Provisions – Delivery, Inspection and Acceptance, the Sheeting Manufacturer shall:
  - C.5.9.1.** Within two (2) working days, confirm, in writing, the receipt of an order, and time of delivery, as discussed below. A written order confirmation is for evidential purposes only. The non-transmission of an order confirmation does not affect the validity of an order.
  - C.5.9.2.** Within the above two (2) working days, inform the Purchaser if the execution of an order is not possible. In the absence of such a notification, the Purchaser assumes that the order can be fulfilled without delay.
  - C.5.9.3.** Unless otherwise requested by the Purchaser, the required date for an order delivery shall not exceed fifteen (15) working days from the date of written confirmation or the order was submitted.

## **C.6. Purchaser's Obligations**

- C.6.1.** Ensure that all new signs shall have labels posted on the back that contain the following information below. Information displayed on the labels can be in words, and/or universal QR and BAR codes that can be read by electronic devices. Labels shall be composed of non-reflective sheeting with pressure sensitive adhesive, and placed where it can clearly be seen or scanned.
  - C.6.1.1.** Date of Sign Manufactured (month/day/year),
  - C.6.1.2.** Sign Fabricator Company Name and location (City),
  - C.6.1.3.** Sheeting information, such as Manufacturer, AASHTO and ASTM Type, Model No., color, LOT No. Identify sheeting as legend, boarder, and background.
- C.6.2.** Fabricate: Fabricate, store and ship all signs according to the manufacturer's recommendations.
- C.6.3.** Match Component Use: All retroreflective sheeting process components on a single sign shall be supplied by the same manufacturer or approved by the manufacturer. In the case of mixed component use, the Department to request pre-approval from the manufacturer and document the approval for future warranty use.
- C.6.4.** Rotationally Sensitive Sheeting: When utilizing sheeting that does not meet the 20 percent maximum rotational requirement, fabricate signs by applying white sheeting for cutout legends, symbols, borders, and route marker attachments within the parent sign face in the optimum rotation according to the identification markings; and apply all background sheeting uniformly oriented.

## **C.7. Warranty Requirements**

- C.7.1.** Comprehensive Manufacturer's Warranty Requirements: Failure to comply with the requirements of this warranty will be cause for removal from ODOT's QPL and this contract.
  - C.7.1.1.** Certification: With each lot or shipment, the manufacturer or supplier shall provide a Type D certification (in accordance with Subsection 106.04, ODOT's 2009 Standard Specification for Highway Construction), stating the materials supplied meet the requirements of this specification.
  - C.7.1.2.** Statement of Understanding: Manufacturer or supplier shall submit a written statement to the purchaser that the manufacturer understands the provisions of the warranty and will abide by the provisions. Include the name, address and telephone number of the person to contact regarding potential claims under the warranty provisions.

**C.7.1.3.** Warranty Statement: The manufacturer's (or supplier's) warranty shall also warrant the pre-approved (refer to C.6.3 Match Component Use) use of one manufacturer's retroreflective sheeting directly applied to a different manufacturer's retroreflective sheeting. If a failure occurs, the manufacturer of the sheeting that fails will be responsible for the failure. (i.e., if the sheeting separates from the substrate, the manufacturer of the sheeting, which is attached to the substrate, will be responsible. If sheeting used for legend loses adherence to the sheeting attached to the substrate, the manufacturer of the legend material will be responsible).

**C.7.1.4.** Screen inks must be recommended and warranted by the producer of the base sheeting.

## **C.8. Qualification and Performance**

**C.8.1.** Qualification Requirements: Per Section C.4.1, all products will be evaluated to meet this specification before approved (conditionally approved) to be added to the QPL. Approved (conditionally approved) products will be considered for this award in connection with this specification.

**C.8.2.** QPL Removal:

**C.8.2.1.** May occur after failure to comply with Section C.5.4.

**C.8.2.2.** The manufacturer fails to report changes in the formulation or production process of the material to Traffic Engineering Division.

**C.8.2.3.** Failure of retroreflective sheeting materials to comply with the performance requirements of this specification may be cause for removal of materials from the QPL.

**C.8.2.4.** The manufacturer has unpaid charges for failing to replace nonfunctioning signs.

**C.8.2.5.** The manufacturer has unresolved warranty issues.

**C.8.3.** Disqualified Products: Products that are removed from the QPL at any time after this contract shall not be allowed for a period of one (1) year from the date of disqualification or as determined by the Traffic Engineering Division.

**C.8.4.** Re-evaluation: Manufacture may submit product for re-evaluation after one (1) year has elapsed from the date of removal from the QPL or after documenting the problem and its resolution to the satisfaction of the Department.

**C.8.5.** Future Advertisement: Bidders wishing to have their product(s) considered for future advertisements should contact the Oklahoma Department of Transportation, Traffic Engineering Division, 200 N.E. 21st Street, Room 2-A7, Oklahoma City, OK 73105.

**C.8.6.** Conditional Approval: ODOT may grant conditional approval for materials that meet the following:

**C.8.6.1.** Provide laboratory-accelerated weathering test results showing a successful completion and,

**C.8.6.2.** Provide initial and a minimum of 24 months of AASHTO's National Transportation Product Evaluation Program (NTPEP) test data showing compliance with AASHTO M 258-15 (latest revision) and ASTM D 4956-17 (latest revision); and

**C.8.6.3.** Minimum warranty requirements listed under Section 3.

## **C.9. Product Evaluation**

**C.9.1.** Product Changes: Any changes in the composition, identification and/or manufacturing process shall be reported to the Traffic Engineering Division. Changes determined by the Materials Engineer to be significant will require a reevaluation of performance.

**C.9.2.** Material Re-submission: Material failing to meet any of the specification requirements may be resubmitted for evaluation only after the manufacturer has offered a reasonable explanation for the failure and evidence that the cause of the failure has been identified and, in the opinion of the Traffic Engineering Division, sufficiently corrected to ensure conformance with the specification in the future.

**C.9.3.** ODOT reserves the right to periodically evaluate the performance of materials.

## **C.10. Outdoor Weathering**

**C.10.1.** Failure to successfully complete all outdoor weathering requirements will result in cancellation of conditional approval.

**C.10.2.** NTPEP Weathering Data: Full prequalification will be granted only upon review of NTPEP weathering data for compliance with ODOT specification requirements.

## **C.11. Field Performance Requirements:**

**C.11.1.** Retroreflective sheeting, processed and applied according to the manufacturer's recommendations, (or as required in this specification when there is an exception to the manufacturer's recommendations), shall perform satisfactorily for the number of years stated in Section C.12.1 for that type.

- C.11.2.** Sheeting Failures: The sheeting will be considered unsatisfactory if it has deteriorated due to natural causes (precluding unnatural causes such as vehicle impact or vandalism), to the extent that the sign is ineffective for its intended purpose, when viewed from a moving vehicle under normal day and night driving conditions, or shows any of the following defects:
- C.11.2.1.** Cracks discernible with the unaided eye from the driver's position while in an outside lane at a distance of 50 feet (15 meters) or greater from the sign.
  - C.11.2.2.** Peeling, delamination, or bubbling in excess of 1/4 inch (6.4 millimeters).
  - C.11.2.3.** Shrinkage in excess of 1/8 inch (3.2 millimeters) total per 48 inches (1.2 meters) of sheeting width.
  - C.11.2.4.** Fading or loss of color to the extent that color fails to meet the requirements in ASTM D 4956-17 (latest revision).
  - C.11.2.5.** Loss of retroreflectivity to a level below 40% (60% retained) of the minimum values specified in ASTM D 4956-17 (latest revision) tables for Type I and II sheeting or in this specification for new sheeting when measured at the angles specified for each type.
  - C.11.2.6.** Loss of retroreflectivity to a level below 20% (80% retained) of the minimum values specified in ASTM D 4956-17 (latest revision) tables for Types IV, VIII, IX and XI sheeting.

## **C.12. Minimum Performance Period**

- C.12.1.** All signs, except construction traffic control devices, shall meet the following:
- C.12.1.1.** Type I & II – Seven years.
  - C.12.1.2.** Types IV - Seven years plus three additional years with obligation for sheeting replacement only.
  - C.12.1.3.** Type VIII, IX & XI – Ten years plus two additional years with obligation for sheeting replacement only.

## **C.13. Sample Testing**

- C.13.1.** Testing of sheeting samples will be in accordance with ODOT's 2009 Standard Specifications for Highway Construction, and special provisions (latest revision).

## **C.14. MATERIAL REQUIREMENTS**

- C.14.1.** General: All types of retroreflective sheeting specified in this specification shall meet all the following:
- C.14.1.1.** All the requirements of AASHTO M 268-15 (latest revision), and ASTM D 4956-17 (latest revision) specifications, except when other specific requirements are shown for a particular type of retroreflective sheeting material or exceptions are indicated in this specification, and
  - C.14.1.2.** The performance requirements specified in ASTM D 4956-17 (latest revision) Supplementary Requirement S2, "*Reboundable Sheeting Requirements*," and
  - C.14.1.3.** The requirements specified in ASTM D 4956-17 (latest revision) Supplementary Requirement S3, "*Artificial Accelerated Weathering (AAW)*," and
  - C.14.1.4.** All non-construction zone application types not listed in Table S3.2 of ASTM D 4956-17 (latest revision) "Supplementary Requirements" must have at least 80% of their initial retroreflectivity values when tested with either methods (I, II, or III) under the AAW, and
  - C.14.1.5.** All construction zone application types not listed in Table S3.2 of ASTM D 4956-17 (latest revision) "Supplementary Requirements" must have at least 60% of their initial retroreflectivity values when tested with either methods (I, II or III) under the AAW.
- C.14.2.** Trade Marks: When used, the manufacturer identification marks or watermarks shall be inconspicuously placed on four [4] to 12-inch (100 to 300 mm) centers. The manufacturer identification marks shall not be visible at a distance greater than 30 feet (nine (9) meters). The manufacturer shall furnish all identification codes to the ODOT Materials Engineer.
- C.14.3.** Sheeting Characteristics: The exterior of the retroreflective sheeting shall be transparent, flexible, smooth-surfaced, moisture-resisting material and shall have sufficient strength and flexibility to be easily handled, cut to shape, processed and applied without appreciable stretching, tearing or other damages.
- C.14.4.** Tensile Strength and Elongation (Type I and II only)
- C.14.4.1.** The tensile strength shall not be less than five [5] pounds-force per one [1] inch (25 Newton's per 25.4 mm) of width.
  - C.14.4.2.** Tensile strength and elongation shall be tested according to ASTM D 882-12 (latest revision).

- C.14.5.** Workability: The integrity of the film or retroreflective sheeting shall be such that when the retroreflective sheeting or a completed sign face is trimmed in the normal manner to match the sign substrate, the film or retroreflective sheeting shall not crack, flake, or chip on the sign panel and face side of the trim line.
- C.14.6.** Temperature Stability:
- C.14.6.1.** Retroreflective sheeting shall permit cutting, application, and color processing at any combination of temperatures from 50 to 100 °F (10 to 38 °C) and relative humidity from 20% to 90%.
  - C.14.6.2.** Unapplied Sheetting shall permit heat curing of process inks at temperatures up to 200 °F (93 °C), unless otherwise recommended by the sheeting manufacturer and so stated in their technical literature.
- C.14.7.** Solvent Resistance: The surface of the retroreflective sheeting or the face of a completed sign shall be chemically resistant to the extent that there will be no surface change when wiped with a soft, clean cloth dampened with mild detergents or cleaners supplied by or recommended by the sheeting manufacturer.
- C.14.8.** Nighttime Color: The reflected nighttime color of the sheeting shall conform to requirement of 6.11 as specified in ASTM D 4956-17 (latest revision).
- C.14.9.** Daytime Color – The color of the sheeting shall conform to requirements of 6.3 as specified in ASTM D 4956-17 (latest revision).
- C.14.10.** Optical Performance: Minimum Values: Coefficient of Retroreflection, RA, shall have the minimum values specified in ASTM D 4956-17 (latest revision) before exposure (sheeting reverse screened with transparent ink).
- C.14.11.** Adhesive Backing: The adhesive backing shall be a pressure-sensitive (PS), ASTM D 4956-17 Class 1 (latest revision), applied to the approved sign surface according to the instruction of the sheeting manufacturer without the necessity of additional adhesive coats on either the retroreflective sheeting or application surface. After application, the sheeting shall tightly adhere to the application surface, and show no discoloration, cracking, crazing, blistering, or dimensional change.
- C.14.11.1.** Pressure-Sensitive (PS) Adhesives: PS adhesives shall be of an aggressive tack type requiring no heat, solvent, or other pre-application preparation to the retroreflective sheeting for adhesion to clean aluminum, fiberglass, plywood, and other approved surfaces.
  - C.14.11.2.** Protective Liner: The protective liner over the adhesive backing shall be removable from the adhesive backing by peeling without soaking in water or other solvents and without breaking, tearing or removing any adhesive from the adhesive backing. The protective liner shall be easily removed after accelerated storage for four (4) hours at a minimum of 160 °F (71 °C) under a pressure of 2.5 psi (17 kPa).
  - C.14.11.3.** Slip-Sheets: Suppliers of retroreflective sheeting, using a porous, textured backing paper to protect the adhesive layer which is not suitable for use as a slip-sheet for packaging of completed signs, sign panels, or both, shall supply rolls of slip-sheet paper in the various widths of retroreflective sheeting supplied. The area of slip-sheet paper, supplied in the various widths, shall be the same as the area of retroreflective sheeting supplied with the various widths. Slip-sheet paper supplied shall be considered as subsidiary to the retroreflective sheeting and any costs, direct or indirect, shall be included in the bid price for retroreflective sheeting on state purchases.
  - C.14.11.4.** Stain Resistance: The adhesive shall have no staining effect on the retroreflective sheeting.

**C.15. Material Identification**

- C.15.1.** The manufacturer shall notify the Material Engineer, in writing, of the size of his standard production lot (jumbo roll) if the lot size exceeds 32,500 square feet (3020 square meters).
- C.15.1.1.** Container: Each container, carton, or box containing retroreflective sheeting shall be marked with the information listed in ASTM D 4956-17 (latest revision).
  - C.15.1.2.** The identification number(s) shall also appear on the inside of the sheeting roll core.
  - C.15.1.3.** The number(s) stated under Section C.15.1.1 and Section C15.1.2 shall match. The mismatch of these numbers can and may be cause for rejection.

**C.16. Screen Inks:**

- C.16.1.** General Requirements: Screen inks shall be a material specifically formulated for use as screen ink for screening sign faces and/or legends on the various types of retroreflective sheeting, as specified elsewhere in this specification.
- C.16.2.** Ink Color: Screen inks, when screened onto any approved white retroreflective sheeting, shall produce a color within color requirements specified for the various colors of retroreflective sheeting in ASTM D 4956-17 (latest revision).
- C.16.2.1.** Ink Usage: The screen ink shall be used as supplied or thinned according to the manufacturer's recommendations.

**C.16.2.2.** Screen: The screen used shall be of the type recommended by the manufacturer.

**C.16.2.3.** Determination: Color will be determined by using ink from sealed, unopened containers as received from the manufacturer.

**C.16.3.** Transparency: Black screen ink, when applied on white sheeting, shall be completely opaque. All other colors, when screened onto white sheeting according to the manufacturer's recommendation, shall meet the contrast ratio requirements as specified in Section C.18 of this specification.

**C.16.4.** Durability: Screen inks, recommended by the ink manufacturer for use on the various types of retroreflective sheeting, shall exhibit the same durability as specified for that type of retroreflective sheeting.

**C.16.5.** Federal Test Method: When tested according to Federal Test Method Standard 141D Test Method 6301.3, "Adhesion (Wet) Tape Test," no process ink shall be removed after processing a minimum of 96 hours or exposure of the various sheeting types of sheeting to durability and weathering test specified.

**C.17. Transparent Color and Opaque Electronically Cuttable (EC) Films**

**C.17.1.** General: Transparent color and opaque EC films shall consist of durable, EC films coated with a transparent color, or opaque, pressure-sensitive adhesive protected by a removable liner and meet the requirements of AASHTO M 268-15 (latest revision).

**C.17.2.** Workability and Availability: The use of colored, transparent films shall not require the release of any volatile, organic compounds. The films are designed to be cut on knife-over-roll (sprocket-fed or friction-fed) and flatbed electronic cutting machines. The films shall be:

**C.17.2.1.** Available in standard traffic colors,

**C.17.2.2.** Dimensionally stable, and

**C.17.2.3.** Designed optimally to Categorize, Cut, Lift, and Transfer.

**C.17.2.4.** Acrylic material.

**C.17.3.** Color: When applied to retroreflective sheeting, the resulting color shall fall within the color requirements specified for the various colors of retroreflective sheeting in ASTM D 4956-17 (latest revision).

**C.17.4.** Coefficient of Retroreflection: When applied to retroreflective sheeting, the resulting coefficient of retroreflection reading shall have the minimum values as shown in ASTM D 4956-17 (latest revision).

**C.17.5.** Durability: Colored, transparent films, when applied to the various types of retroreflective sheeting, shall meet the same durability requirements as specified for that type of retroreflective sheeting.

**C.18. Completed Sign:**

**C.18.1.** All completed signs using transparent screen inks or transparent films, the "Contrast Ratio" is the quotient of the white coefficient of retroreflection to the other color coefficient of retroreflection.

**C.18.1.1.** The contrast ratio will be determined at an observation angle of 0.2 degree and an entrance angle of -4 degrees.

**C.18.1.2.** For all signs which use reflectorized white and red, the contrast ratio shall not be less than 4.0 nor greater than 15.0.

**C.18.1.3.** For all other signs, sign panels, sign faces, and traffic control devices the contrast ratio shall not be less than 4, except for orange color which shall be 2.

**C.19. Packaging**

**C.19.1.** General: The materials shall be packaged in containers that will permit normal shipping and storage without the material sustaining damage or becoming difficult to apply and also provide:

**C.19.1.1.** Date of Sign Manufactured (month/day/year). All material furnished under this specification shall have been manufactured within 18 months of the delivery date

**C.19.1.2.** Sheeting information, such as Manufacturer, Manufacturing plant location, AASHTO and ASTM Type, Model No., color, LOT No.

**C.19.2.** Roll material shall contain no more than three (3) splices per 50 yards (46 meters). The length of the roll core shall not be less than the width of the material.

**C.19.3.** Pressure-Sensitive Material:

**C.19.3.1.** The ends of the material shall be cut square with an overlap splice of  $3/8 \pm 1/8$  inch in width ( $9.5 \pm 3.2$  millimeters).

**C.19.3.2.** Edges of the overlap splice are to be straight and square.

## **D. EVALUATION**

### **D.1. Evaluation Criteria**

**D.1.1.** Evaluation Criteria will consist of: Cost, Compliance with Specifications.

### **D.2. Awards**

**D.2.1.** ODOT reserves the right to multiple award this contract.

## **E. INSTRUCTIONS TO BIDDER**

None

## **F. CHECKLIST**

**F.1. Completion of Section C.4 Requirements.**

## **G. OTHER**

None

## **H. PRICE AND COST**

**H.1. See attached pricing sheet.**

## **Product Specifications**

**C.1.1.** This specification shall cover the State of Oklahoma requirements for retroreflective sheeting, reboundable retroreflective sheeting, screen ink systems, colored transparent and opaque non-reflective electronically cuttable films, with adhesive backing. Typical applications for these materials include permanent highway signing, temporary traffic control devices, delineators, barricades, and other similar devices. This specification shall be in effect on the date of invitation to bid.

**C.1.2.** All material furnished under this specification shall have been manufactured within 18 months of the delivery date.

## **C.2. Terminology**

**C.2.1.** Rotational Sensitive Sheeting: when tested in accordance with ASTM E810 (latest revision), the average coefficient of retroreflection (RA) for a set of three samples taken from the same roll must not vary more than 20 percent between RA measured at 0, 45, 90, and 120 degrees of rotation in order to be considered rotationally insensitive. The purchaser may specify other rotational angles, observation, and entrance angles for testing. Sheeting not meeting the 20 percent maximum rotational sensitive requirements shall clearly be identified as rotational sensitive sheeting, and the manufacturer must provide identification marks or other features (such as a datum mark, titles, or distinct seal pattern) in or on the sheeting face denoting the optimum orientation of the sheeting. The markings or features must be visible from a minimum distance of 2 ft. and must be arrayed in such a manner that they will be readily distinguishable on cutout legends, symbols, or borders. If requested by the purchaser, the manufacturer must provide fabrication guidelines outlining optimum sheeting orientation.

## **C.3. Classification**

**C.3.1.** Retroreflective sheeting shall meet the types, classes, and specifications set forth in AASHTO M 268 (latest revision) "*Standard Specification for Retroreflective Sheeting for Flat and vertical Traffic Control Applications*," and ASTM D 4956 (latest revision) "*Standard Specification for Retroreflective Sheeting for Traffic Control*," unless otherwise noted.

**C.3.2.** The following types, classes, and specifications, based on ASHTO M 268 and ASTM D 4956, are allowed per this specification:

**C.3.2.1.** AASHTO Type A – Retroreflective sheeting materials meeting Type A are typically constructed of encapsulated microscopic glass bead lens construction.

**C.3.2.2.** AASHTO Type B – Retroreflective sheeting materials meeting Type B are typically constructed of unmetallized microprismatic optics. These triangular microprismatic materials do not have a significant 1-degree observation angle performance.

**C.3.2.3.** AASHTO Type C – Retroreflective sheeting materials meeting Type C are typically constructed of unmetallized microprismatic optics. These triangular microprismatic materials have a significant 1-degree observation angle performance.

**C.3.2.4.** AASHTO Type D – Retroreflective sheeting materials meeting Type D are typically constructed of unmetallized microprismatic optics. These materials have 0.5- and 1-degree observation angle performance approximately two times greater than Type C materials.

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**C.3.2.5.** ASTM Type I – A retroreflective sheeting referred to as "engineering grade" that is typically an enclosed lens glass-bead sheeting. This type of sheeting is not approved for use on the highway system.

**C.3.2.6.** ASTM Type II – A retroreflective sheeting sometimes referred to as "super engineering grade" that is typically an enclosed lens glass-bead sheeting. This type of sheeting is not approved for use on the highway system.

**C.3.2.7.** ASTM Type III – Not allowed. See Type IV.

**C.3.2.8.** ASTM Type IV – A retroreflective sheeting referred to as "high-intensity" that is typically an unmetallized microprismatic retroreflective element material.

**C.3.2.9.** ASTM Type V – A retroreflective sheeting referred to as "super high-intensity" that is typically a metalized microprismatic retroreflective element material. This sheeting is typically used for delineators.

**C.3.2.10.** ASTM Type VI – An elastomeric retroreflective sheeting without adhesive. This sheeting is typically a vinyl microprismatic retroreflective material. Applications include orange temporary roll-up warning signs, traffic cone collars, and post bands.

**C.3.2.11.** ASTM type VII – has been discontinued.

**C.3.2.12.** ASTM Type VIII – A retroreflective sheeting typically manufactured as an unmetallized cube corner microprismatic retroreflective element material.

**C.3.2.13.** ASTM Type IX – A retroreflective sheeting typically manufactured as an unmetallized cube corner microprismatic retroreflective element material.

**C.3.2.14.** ASTM type X – has been discontinued.

**C.3.2.15.** ASTM Type XI – A retroreflective sheeting typically manufactured as an unmetallized cube corner microprismatic retroreflective element material.

**C.3.2.16.** AASHTO/ASTM Class 1 – Adhesive backing shall be pressure-sensitive and require no heat, solvent, or other preparation for adhesion to smooth, clean surfaces.

**NOTES:**

1. All Sheeting shall be Prismatic Sheeting except Types I & II unless approved by ODOT Traffic Engineering Division
2. Sheeting Ink, Flow Additive and Thinner are match component items to be used exclusively with the brand of sheeting ordered
3. Prismatic Sheeting shall be a minimum of a 10 year warranty with full replacement and no proration

Reflective Sheeting	Units	Est. Quantity	Unit Price	Brand / Item #
<b>TYPE I</b>				
SHEETING:Type I Various colors (Pressure Sensitive Adhesive) Roll Sizes 1 - 48 inch variable (in 1 inch increments) White, Yellow, Orange, Green, Red, Blue and Brown Retroreflective Sheeting	SF	10,000		
SHEETING:Type I,White,36inx50yds (450.00 sf per roll)	SF	30,000		
SHEETING:Type I,White,48inx50yds (600.00 sf per roll)	SF	15,000		
SHEETING:Type I,Red,2inx50yds (25.00 sf per roll)	SF	500		
<b>TYPE II</b>				
SHEETING:Type II Various colors (Pressure Sensitive Adhesive) Roll Sizes 1 - 48 inch variable (in 1 inch increments) White, Yellow, Orange, Green, Red, Blue and Brown Retroreflective Sheeting	SF	1,000		
SHEETING:Type II, White,1inx50yds(12.50 sf per roll)	SF	500		
SHEETING:Type II ,White,2inx50yds(25 sf per roll)	SF	600		
SHEETING:Type II ,White,48inx50yds(600 sf per roll)	SF	12,000		
SHEETING:Type II, Yellow,24inx50yds(300 sf per roll)	SF	5,000		

SHEETING:Type II,Yellow,30inx50yds(375 sf per roll)	SF	4,000		
SHEETING:Type II,Yellow,36inx50yds(450 sf per roll)	SF	5,000		
TYPE IV				
SHEETING:Type IV Various colors (Pressure Sensitive Adhesive) Roll Sizes 1 - 48 variable (in 1 inch increments) White, Fluorescent Yellow, Orange, Green, Red, Blue, Brown and Fluorescent Yellow Green Retroreflective Sheeting	SF	40,000		
SHEETING:Type IV,White,1inx50yds(12.50 sf per roll)	SF	4,000		
SHEETING:Type IV,White,2inx50yds(25 sf per roll)	SF	5,000		
SHEETING:Type IV,White,21inx50yds(262.5 sf per roll)	SF	15,500		
SHEETING:Type IV,White,24inx50yds(300 sf per roll)	SF	30,000		
SHEETING:Type IV,White,30inx50yds(375 sf per roll)	SF	75,000		
SHEETING:Type IV,White,36inx50yds(450 sf per roll)	SF	31,954		
SHEETING:Type IV,White,42inx50yds(525 sf per roll)	SF	6,300		
SHEETING:Type IV,White,48inx50yds(600 sf per roll)	SF	43,200		
SHEETING:Type IV Size of 3/4, 1 1/4, 2 and 2 3/4 needed besides Roll Sizes 1 - 48 inches variable (in 1/4 inch increments) White, Fluorescent Yellow, Fluorescent Orange, Green, Red, Blue Brown Retroreflective Sheeting	SF	6,000		
SHEETING:Type IV White (Pressure Sensitive Adhesive) Roll Size 12.75 inch x 100yds, (318.75 sf per roll) Retroreflective Sheeting.	SF	5,000		
SHEETING:Type IV Green (Pressure Sensitive	SF	15,000		

Adhesive) Roll Size 12.75 inch x 100yds, (318.75 sf per roll) Retroreflective Sheeting.				
SHEETING:Type IV Brown (Pressure Sensitive Adhesive) Roll Size 12.75 inch x 100yds, (318.75 sf per roll) Retroreflective Sheeting.	SF	1,000		
SHEETING:Type IV Blue (Pressure Sensitive Adhesive) Roll Size 12.75 inch x 100yds, (318.75 sf per roll) Retroreflective Sheeting.	SF	5,000		
SHEETING: Type IV Barricade Sheeting (Pressure Sensitive Adhesive) Pre-screened alternating 6" (slanted right or left) stripes Orange and White or Red and White Retroreflective Sheeting	SF	2,100		
SHEETING:Type IV Barricade Sheeting (Pressure Sensitive Adhesive) Pre-screened alternating 8" (slanted right or left) stripes Orange and White or Red and White Retroreflective Sheeting	SF	2,000		
TYPE VIII / IX				
SHEETING:Type VIII or IX Various colors (Pressure Sensitive Adhesive) White, Green, Red, Blue and Brown Roll Sizes 1 - 48 inch variable Green Roll Sizes 1 - 48 variable (in 1 inch increments) Retroreflective Sheeting	SF	5,000		
SHEETING:Type VIII or IX,White,1inx50yds(12.50 sf per roll)	SF	200		
SHEETING:Type VIII or IX,White,2inx50yds(25 sf per roll)	SF	600		
SHEETING:Type VIII or IX,White,24inx50yds(300 sf per roll)	SF	3,000		
SHEETING:Type VIII or IX,White,30inx50yds(375 sf per roll)	SF	3,750		
SHEETING:Type VIII or IX,White,48inx50yds(600 sf per roll)	SF	5,000		

SHEETING:Type VIII or IX,Fluorescent Yellow	SF	1,500		
(Pressure Sensitive Adhesive) Roll Sizes				
1 - 48 inch variable (in 1 inch increments) Retroreflective Sheeting				
SHEETING:Type VIII or IX,Fluorescent Yellow,	SF	5,100		
12.75 inch x 50yds (159.375 sf per roll)				
SHEETING:Type VIII or IX,Fluorescent Yellow,	SF	5,400		
24inx50yds(300 sf per roll)				
SHEETING:Type VIII or IX,Fluorescent Yellow,	SF	10,125		
30inx50yds(375 sf per roll)				
SHEETING:Type VIII or IX,Fluorescent Yellow,	SF	18,900		
36inx50yds(450 sf per roll)				
SHEETING:Type VIII or IX,Fluorescent Yellow,	SF	28,800		
48inx50yds(600 sf per roll)				
SHEETING:Type VIII or IX Fluorescent Yellow-Green	SF	4,950		
(Pressure Sensitive Adhesive) Roll Sizes				
1 - 48 inch variable (in 1 inch increments) Retroreflective Sheeting				
SHEETING:Type VIII or IX Fluorescent Yellow-Green	SF	2,100		
24 inch x 50yds(300 sf per roll)				
SHEETING:Type VIII or IX Fluorescent Yellow-Green	SF	1,500		
30 inch x 50yds(375 sf per roll)				
SHEETING:Type VIII or IX Fluorescent Yellow-Green	SF	1,800		
36 inch x 50yds(450 sf per roll)				
SHEETING:Type VIII or IX Fluorescent Yellow-Green	SF	1,000		
48inx50yds(600 sf per roll)				
SHEETING: Type VIII or IX Fluorescent Orange	SF	600		
(Pressure Sensitive Adhesive) Roll Sizes				

1 - 48 inch variable (in 1 inch increments) Retroreflective Sheeting				
SHEETING:TypeVIII or IX,Fluorescent Orange	SF	3,000		
24 inch x 50yds(300 sf per roll)				
SHEETING:TypeVIII or IX,Fluorescent Orange	SF	1,500		
30 inch x 50yds(375 sf per roll)				
SHEETING:TypeVIII or IX,Fluorescent Orange	SF	3,000		
36 inch x 50yds(450 sf per roll)				
SHEETING:TypeVIII or IX,Fluorescent Orange	SF	7,000		
48 inch x 50yds(600 sf per roll)				
TYPE XI				
SHEETING:Type XI Various colors	SF	600		
White, Fluorescent Yellow, Fluorescent Orange				
Fluorescent Yellow Green, Green, Red, Blue, Tollway Purple				
and Brown Retroreflective Sheeting				
(Pressure Sensitive Adhesive) Roll Sizes				
1 - 48 variable (in 1 increments)				
SHEETING:Type XI,White,21 inch x 50yds(262.5 sf per roll)	SF	600		
SHEETING:Type XI,White,24 inch x 50yds(300 sf per roll)	SF	3,000		
SHEETING:Type XI,White,30 inch x 50yds(375 sf per roll)	SF	3,750		
SHEETING:Type XI,White,36 inch x 50yds(450 sf per roll)	SF	4,500		
SHEETING:Type XI,White,42 inch x 50yds(525 sf per roll)	SF	2,300		
SHEETING:Type XI,White,48 inch x 50yds(600 sf per roll)	SF	6,000		
SHEETING: Type XI Tollway Purple	SF	500		
(Pressure Sensitive Adhesive) Roll Sizes				
1 - 48 inch variable (in 1 inch increments)				
Retroreflective Sheeting				

SHEETING:Type XI Tollway Purple color (Pressure Sensitive Adhesive) Roll Size 12.75" x 50yds, (159.375 sf per roll)	SF	750		
Retroreflective Sheeting				
SHEETING				
SHEETING: Non-punched, Electronically cutable transparent film Yellow, Blue, Red, Green, Brown, and Orange (Pressure Sensitive Adhesive)	SF	9,600		
Roll Sizes 1 - 48 inch variable (in 1 inch increments)				
SHEETING:Electronically Cuttable Green Film 30 inch x 50yds(375 sf per roll)	SF	2,000		
SHEETING:Electronically Cuttable Green Film 36 inch x 50yds(450 sf per roll)	SF	28,000		
SHEETING:Electronically Cuttable Green Film 48 inch x 50yds(600 sf per roll)	SF	10,000		
SHEETING:Electronically Cuttable Red Film 30 inch x 50yds(375 sf per roll)	SF	7,000		
SHEETING:Electronically Cuttable Red Film 36 inch x 50yds(450 sf per roll)	SF	4,500		
SHEETING:Electronically Cuttable Red Film 48 inch x 50yds(600 sf per roll)	SF	9,000		
SHEETING:Electronically Cuttable Brown Film 30 inch x 50yds(375 sf per roll)	SF	750		
SHEETING:Electronically Cuttable Brown Film 48 inch x 50yds(600 sf per roll)	SF	1,200		
SHEETING:Electronically Cuttable Blue Film 30 inch x 50yds(375 sf per roll)	SF	900		
SHEETING:Electronically Cuttable Blue Film	SF	7,000		

48 inch x 50yds(600 sf per roll)				
SHEETING: Non-punched, Electronically	SF	2,000		
cutable transparent film Tollway Purple				
(Pressure Sensitive Adhesive) Roll Size				
1 - 48 inch variable (in 1 inch increments)				
SHEETING: Mark Film White	SF	1,000		
Thickness 0.003-0.004 (0.076-0.102mm)				
White (Pressure Sensitive Adhesive)				
Non-Reflective Marking Film Roll Size				
1 - 48 inch variable (in 1 inch increments)				
SHEETING: Mark Film Black	SF	13,000		
Thickness 0.003-0.004 (0.076-0.102mm)				
Black (Pressure Sensitive Adhesive)				
Non-Reflective Marking Film Roll Sizes				
1 - 48 inch variable (in 1 inch increments)				
SHEETING: Mark Film Black,	SF	1,000		
1 inch x 50yds (12.50 sf per roll)				
Thickness 0.003-0.004 (0.076-0.102mm)				
Black (Pressure Sensitive Adhesive)				
Non-Reflective Marking Film				
SHEETING: Mark Film Black,	SF	1,500		
2 inch x 50yds (25.0 sf per roll)				
Thickness 0.003-0.004 (0.076-0.102mm)				
Black (Pressure Sensitive Adhesive)				
Non-Reflective Marking Film				
SHEETING: Mark Film White or Black,	SF	23,000		
30inx50yds(375 sf per roll)				
Thickness 0.003-0.004 (0.076-0.102mm)				
White or Black (Pressure Sensitive				
Adhesive) Non-Reflective Marking Film				

SHEETING: Mark Film White or Black, 36inx50yds(450 sf per roll)	SF	24,000		
Thickness 0.003-0.004 (0.076-0.102mm)				
White or Black (Pressure Sensitive Adhesive) Non-Reflective Marking Film				
SHEETING: Mark Film White or Black, 48inx50yds(600 sf per roll)	SF	12,600		
Thickness 0.003-0.004 (0.076-0.102mm)				
White or Black (Pressure Sensitive Adhesive) Non-Reflective Marking Film				
SHEETING: Reboundable Retroreflective Sheeting for Drum, Cone ,Barricade and Channelizer Sheeting, Type IV colors White, Yellow, Red, Fluorescent Orange, Green and Blue Roll Sizes 1 - 48 inch variable (in 1 inch increments)	SF	10,000		
SHEETING: Clear Protective Over Laminate Film (Pressure Sensitive Adhesive) Various Roll Sizes 1 - 48 inch variable (in 1 inch increments)	SF	1,000		
SHEETING: Clear Protective Over Laminate Film (Pressure Sensitive Adhesive) 30 inch x 50yds(375 sf per roll)	SF	900		
SHEETING: Clear Protective Over Laminate Film (Pressure Sensitive Adhesive) 36 inch x 50yds(450 sf per roll)	SF	2,000		
SHEETING: Clear Protective Over Laminate Film (Pressure Sensitive Adhesive) 48 inch x 50yds(600 sf per roll)	SF	6,000		
SHEETING: Conspicuity Marking - Red/White 11"/7" Block Pattern Vehicle Marking	SF	1,200		
SHEETING: Conspicuity Marking - Red/White	SF	2,500		

6"/6" Block Pattern Vehicle Marking				
SHEETING: Conspicuity Marking for Vehicles - Chevron Pattern	SF	2,000		
Various colors Red, Fluorescent Yellow-Green, White,				
Black and Fluorescent Yellow 6" wide stripes Vehicle Marking				
INK & SUPPLIES				
SHEETING: Ink (Component Matching)	GAL	40	NO CHARGE	
Various colors approved Highway colors				
SHEETING: Ink Thinner (Component Matching)	GAL	10	NO CHARGE	
SHEETING: Ink Flow Additive (Component Matching)	8oz	15	NO CHARGE	
SHEETING: Slip Paper (Component Matching)	SF	47,500	NO CHARGE	
TRANSFER TAPE				
TAPE;Clear Transfer Roll size 2, 4,	SF	5,000		
10, 30, 36, 48.				
TAPE; Clear Transfer Roll size 6 inch x 100yds(150 sf per roll)	SF	1,000		
TAPE; Clear Transfer Roll size 12 inch x 100yds(300 sf per roll)	SF	10,000		
TAPE; Clear Transfer Roll size 15 inch x100 yds(375 sf per roll)	SF	11,000		
TAPE; Clear Transfer Roll size 18 inch x 100yds(450 sf per roll)	SF	6,000		
TAPE;Clear Transfer Roll size 24 inch x 100yds(600 sf per roll)	SF	10,200		
TAPE;Clear Transfer Roll size 48 inch x 50yds(600 sf per roll)	SF	10,000		
PRE-SPACING TAPE				
TAPE;Pre-Spacing Tape Roll size 2, 4,	SF	5,000		
10, 30, 36, 48.				
TAPE;Pre-Spacing Tape Roll size 48 inch x 50yds(600 sf per roll)	SF	10,000		
TAPE;Pre-Spacing Tape Roll size 24 inch x 100yds(600 sf per roll)	SF	10,000		

TAPE;Pre-Spacing Tape Roll size 15 inch x 50yds(375 sf per roll)	SF	10,000		
TAPE;Pre-Spacing Tape Roll size 6 inch x 100yds(150 sf per roll)	SF	10,000		

**NOTES:**

1. All Sheeting shall be Prismatic Sheeting except Types I & II unless approved by ODOT Traffic Engineering Division
2. Sheeting Ink, Flow Additive and Thinner are match component items to be used exclusively with the brand of sheeting ordered
3. Prismatic Sheeting shall be a minimum of a 10 year warranty with full replacement and no proration

Reflective Sheeting	Units	Est. Quantity	Unit Price	Brand / Item #
TYPE I				
Items Not Listed	SF	10,000		
TYPE II				
Items Not Listed	SF	1,000		
TYPE IV				
Items Not Listed				
TYPE VIII / IX				
Items Not Listed	SF	5,000		
TYPE XI				
Items Not Listed	SF	600		
SHEETING				
Items Not Listed	SF	9,600		
INK & SUPPLIES				
Items Not Listed	GAL	40	NO CHARGE	
TRANSFER TAPE				
Items Not Listed	SF	5,000		
PRE-SPACING TAPE				
Items Not Listed	SF	5,000		