

**AGREEMENT FOR**  
**Materials for Signs and Markings**  
**City of Glendale Solicitation No. IFB 24-48**

This Agreement for Materials Signs and Makings ("Agreement") is effective and entered into between CITY OF GLENDALE, an Arizona municipal corporation ("City"), and 3M Company, a Delaware Corporation, authorized to do business in the State of Arizona, ("Contractor"), as of the 20th day of June, 2024.

**RECITALS**

- A. City intends to undertake a project for the benefit of the public and with public funds that is more fully set forth in **Exhibit A**, pursuant to Solicitation No. IFB 24-48 (the "Project");
- B. City desires to retain the services of Contractor to perform those specific duties and produce the specific work as set forth in the Project attached hereto; and
- C. City and Contractor desire to memorialize their agreement with this document.

**AGREEMENT**

In consideration of the Recitals, which are confirmed as true and correct and incorporated by this reference, the mutual promises and covenants contained in this Agreement, and other good and valuable consideration, City and Contractor agree as follows:

**1. Key Personnel; Sub-contractors.**

- 1.1 Services. Contractor will provide all services necessary to assure the Project is completed timely and efficiently consistent with Project requirements, including, but not limited to, working in close interaction and interfacing with City and its designated employees, and working closely with others, including other contractors or consultants, retained by City.
- 1.2 Project Team.
  - a. Project Manager.
    - (1) Contractor will designate an employee as Project Manager with sufficient training, knowledge, and experience to complete the Project and handle all aspects of the Project (as determined by the City in its sole discretion); such that the work produced by Contractor is consistent with applicable standards as detailed in this Agreement;
    - (2) The City must approve the designated Project Manager; and
    - (3) To assure the Project schedule is met, Project Manager may be required to devote no less than a specific amount of time as set out in Exhibit A.
  - b. Project Team.
    - (1) The Project Manager and all other employees assigned to the project by Contractor will comprise the "Project Team."
    - (2) Project Manager will have responsibility for and will supervise all other employees assigned to the Project by Contractor.
  - c. Discharge, Reassign, Replacement.
    - (1) Contractor acknowledges the Project Team is comprised of the same persons and roles for each as may have been identified in the response to the Project's solicitation.

- (2) Contractor will not discharge, reassign or replace or diminish the responsibilities of any of the employees assigned to the Project who have been approved by City without City's prior written consent unless that person leaves the employment of Contractor, in which event the substitute must first be approved in writing by City.
- (3) Contractor will change any of the members of the Project Team at the City's request if an employee's performance does not equal or exceed the level of competence that the City may reasonably expect of a person performing those duties or if the acts or omissions of that person are detrimental to the development of the Project.

d. Sub-contractors.

- (1) Contractor may engage specific technical contractor (each a "Sub-contractor") to furnish certain service functions.
- (2) Contractor will remain fully responsible for Sub-contractor's services.
- (3) Sub-contractors must be approved by the City, unless the Sub-contractor was previously mentioned in the response to the solicitation.
- (4) Contractor shall certify by letter that contracts with Sub-contractors have been executed incorporating requirements and standards as set forth in this Agreement.

2. **Schedule.** The services will be undertaken in a manner that ensures the Project is completed timely and efficiently in accordance with the Project.

3. **Contractor's Work.**

3.1 Standard. Contractor must perform services in accordance with the standards of due diligence, care, and quality prevailing among contractors having substantial experience with the successful furnishing of services for projects that are equivalent in size, scope, quality, and other criteria under the Project and identified in this Agreement.

3.2 Licensing. Contractor warrants that:

- a. Contractor and Sub-contractors will hold all appropriate and required licenses, registrations and other approvals necessary for the lawful furnishing of services ("Approvals"); and
- b. Neither Contractor nor any Sub-contractor has been debarred or otherwise legally excluded from contracting with any federal, state, or local governmental entity ("Debarment").
  - (1) City is under no obligation to ascertain or confirm the existence or issuance of any Approvals or Debarments or to examine Contractor's contracting ability.
  - (2) Contractor must notify City immediately if any Approvals or Debarment changes during the Agreement's duration and the failure of the Contractor to notify City as required will constitute a material default under the Agreement.

3.3 Compliance. Services will be furnished in compliance with applicable federal, state, county and local statutes, rules, regulations, ordinances, building codes, life safety codes, and other standards and criteria designated by City.

Contractor must not discriminate against any employee or applicant for employment on the basis of race, color, religion, sex, national origin, age, marital status, sexual orientation, gender identity or expression, genetic characteristics, familial status, U.S. military veteran status or any disability. Contractor will require any Sub-contractor to be bound to the same requirements as stated within this section. Contractor, and on behalf of any subcontractors, warrants compliance with this section.

3.4 Coordination; Interaction.

- a. For projects that the City believes requires the coordination of various professional services, Contractor will work in close consultation with City to proactively interact with any other professionals retained by City on the Project ("Coordinating Project Professionals").
- b. Subject to any limitations expressly stated in the Project Budget, Contractor will meet to review the Project, Schedule, Project Budget, and in-progress work with Coordinating Project Professionals and City as often and for durations as City reasonably considers necessary in order to ensure the timely work delivery and Project completion.
- c. For projects not involving Coordinating Project Professionals, Contractor will proactively interact with any other contractors when directed by City to obtain or disseminate timely information for the proper execution of the Project.

3.5 Work Product.

- a. Ownership. Upon receipt of payment for services furnished, Contractor grants to City, and will cause its Sub-contractors to grant to the City, the exclusive ownership of and all copyrights, if any, to evaluations, reports, drawings, specifications, project manuals, surveys, estimates, reviews, minutes, all "architectural work" as defined in the United States Copyright Act, 17 U.S.C § 101, *et seq.*, and other intellectual work product as may be applicable ("Work Product").
  - (1) This grant is effective whether the Work Product is on paper (e.g., a "hard copy"), in electronic format, or in some other form.
  - (2) Contractor warrants, and agrees to indemnify, hold harmless and defend City for, from and against any claim that any Work Product infringes on third-party proprietary interests.
- b. Delivery. Contractor will deliver to City copies of the preliminary and completed Work Product promptly as they are prepared.
- c. City Use.
  - (1) City may reuse the Work Product at its sole discretion.
  - (2) In the event the Work Product is used for another project without further consultations with Contractor, the City agrees to indemnify and hold Contractor harmless from any claim arising out of the Work Product.
  - (3) In such case, City shall also remove any seal and title block from the Work Product.

4. **Compensation for the Project.**

4.1 Compensation. Contractor's compensation for the Project, including those furnished by its Sub-contractors will not exceed \$500,000, as specifically detailed in **Exhibit B** (the "Compensation").

4.2 Change in Scope of Project. The Compensation may be equitably adjusted if the originally contemplated scope of services as outlined in the Project is significantly modified.

- a. Adjustments to the Compensation require a written amendment to this Agreement and may require City Council approval.
- b. Additional services which are outside the scope of the Project contained in this Agreement may not be performed by the Contractor without prior written authorization from the City.
- c. Notwithstanding the incorporation of the Exhibits to this Agreement by reference, should any conflict arise between the provisions of this Agreement and the provisions found in the Exhibits and accompanying attachments, the provisions of this Agreement shall take priority and govern the conduct of the parties.

## 5. **Billings and Payment.**

### 5.1 Applications.

- a. Contractor will submit monthly invoices (each, a "Payment Application") to City's Project Manager and City will remit payments based upon the Payment Application as stated below.
- b. The period covered by each Payment Application will be one calendar month ending on the last day of the month or as specified in the solicitation.

### 5.2 Payment.

- a. After a full and complete Payment Application is received, City will process and remit payment within 30 days.
- b. Payment may be subject to or conditioned upon City's receipt of:
  - (1) Completed work generated by Contractor and its Sub-contractors; and
  - (2) Unconditional waivers and releases on final payment from Sub-contractors as City may reasonably request to assure the Project will be free of claims arising from required performances under this Agreement.

### 5.3 Review and Withholding. City's Project Manager will timely review and certify Payment Applications.

- a. If the Payment Application is rejected, the Project Manager will issue a written listing of the items not approved for payment.
- b. City may withhold an amount sufficient to pay expenses that City reasonably expects to incur in correcting the deficiency or deficiencies rejected for payment.

## 6. **Termination.**

### 6.1 For Convenience. City may terminate this Agreement for convenience, without cause, by delivering a written termination notice stating the Effective Termination date, which may not be less than 30 days following the date of delivery.

- a. Contractor will be equitably compensated for Goods or Services furnished prior to receipt of the termination notice and for reasonable costs incurred.
- b. Contractor will also be similarly compensated for any approved effort expended and approved costs incurred that are directly associated with project closeout and delivery of the required items to the City.

### 6.2 For Cause. City may terminate this Agreement for cause if Contractor fails to cure any breach of this Agreement within seven days after receipt of written notice specifying the breach.

- a. Contractor will not be entitled to further payment until after City has determined its damages. If City's damages resulting from the breach, as determined by City, are less than the equitable amount due but not paid Contractor for Service and Repair furnished, City will pay the amount due to Contractor, less City's damages, in accordance with the provision of § 5.
- b. If City's direct damages exceed amounts otherwise due to Contractor, Contractor must pay the difference to City immediately upon demand; however, Contractor will not be subject to consequential damages of more than \$1,000,000 or the amount of this Agreement, whichever is greater.

## 7. **Conflict.** Contractor acknowledges this Agreement is subject to A.R.S. § 38-511, which allows for cancellation of this Agreement in the event any person who is significantly involved in initiating, negotiating, securing, drafting, or creating the Agreement on City's behalf is also an employee, agent, or consultant of any other party to this Agreement.

## 8. **Insurance.**

### 8.1 Requirements. Contractor must obtain and maintain the following insurance ("Required Insurance"):

- a. Contractor and Sub-contractors. Contractor, and each Sub-contractor performing work or providing materials related to this Agreement must procure and maintain the insurance coverages described below (collectively referred to herein as the "Contractor's Policies"), until each Party's obligations under this Agreement are completed.
- b. General Liability.
  - (1) Contractor must at all times relevant hereto carry a commercial general liability policy with a combined single limit of at least \$1,000,000 per occurrence and \$2,000,000 annual aggregate for each property damage and contractual property damage.
  - (2) Sub-contractors must at all times relevant hereto carry a general commercial liability policy with a combined single limit of at least \$1,000,000 per occurrence.
  - (3) This commercial general liability insurance must include independent contractors' liability, contractual liability, broad form property coverage, XCU hazards if requested by the City, and a separation of insurance provision.
  - (4) These limits may be met through a combination of primary and excess liability coverage.
- c. Auto. A business auto policy providing a liability limit of at least \$1,000,000 per accident for Contractor and \$1,000,000 per accident for Sub-contractors and covering owned, non-owned and hired automobiles.
- d. Workers' Compensation and Employer's Liability. A workers' compensation and employer's liability policy providing at least the minimum benefits required by Arizona law.
- e. Notice of Changes. Contractor's Policies must provide for not less than 30 days' advance written notice to City Representative of:
  - (1) Cancellation or termination of Contractor or Sub-contractor's Policies;
  - (2) Reduction of the coverage limits of any of Contractor or and Sub-contractor's Policies; and
  - (3) Any other material modification of Contractor or Sub-contractor's Policies related to this Agreement.
- f. Certificates of Insurance.
  - (1) Within 10 business days after the execution of the Agreement, Contractor must deliver to City Representative certificates of insurance for each of Contractor and Sub-contractor's Policies, which will confirm the existence or issuance of Contractor and Sub-contractor's Policies in accordance with the provisions of this section, and copies of the endorsements of Contractor and Sub-contractor's Policies in accordance with the provisions of this section.
  - (2) City is and will be under no obligation either to ascertain or confirm the existence or issuance of Contractor and Sub-contractor's Policies, or to examine Contractor and Sub-contractor's Policies, or to inform Contractor or Sub-contractor in the event that any coverage does not comply with the requirements of this section.
  - (3) Contractor's failure to secure and maintain Contractor Policies and to assure Sub-contractor policies as required will constitute a material default under the Agreement.
- g. Other Contractors or Vendors.
  - (1) Other contractors or vendors that may be contracted with in connection with the Project must procure and maintain insurance coverage as is appropriate to their particular contract.

- (2) This insurance coverage must comply with the requirements set forth above for Contractor's Policies (e.g., the requirements pertaining to endorsements to name the parties as additional insured parties and certificates of insurance).
- h. Policies. Except with respect to workers' compensation and employer's liability coverages, City must be named and properly endorsed as additional insureds on all liability policies required by this section.
  - (1) The coverage extended to additional insureds must be primary and must not contribute with any insurance or self insurance policies or programs maintained by the additional insureds.
  - (2) All insurance policies obtained pursuant to this section must be with companies legally authorized to do business in the State of Arizona and reasonably acceptable to all parties.

8.2 Sub-contractors.

- a. Contractor must also cause its Sub-contractors to obtain and maintain the Required Insurance.
- b. City may consider waiving these insurance requirements for a specific Sub-contractor if City is satisfied the amounts required are not commercially available to the Sub-contractor and the insurance the Sub-contractor does have is appropriate for the Sub-contractor's work under this Agreement.
- c. Contractor and Sub-contractors must provide to the City proof of the Required Insurance whenever requested.

8.3 Indemnification.

- a. To the fullest extent permitted by law, Contractor must defend, indemnify, and hold harmless City and its elected officials, officers, employees and agents (each, an "Indemnified Party," collectively, the "Indemnified Parties"), for, from, and against any and all claims, demands, actions, damages, judgments, settlements, personal injury (including sickness, disease, death, and bodily harm), property damage (including loss of use), infringement, governmental action and all other losses and expenses, including attorneys' fees and litigation expenses (each, a "Demand or Expense"; collectively, "Demands or Expenses") asserted by a third-party (i.e. a person or entity other than City or Contractor) and that arises out of or results from the breach of this Agreement by the Contractor or the Contractor's negligent actions, errors or omissions (including any Sub-contractor or other person or firm employed by Contractor), whether sustained before or after completion of the Project.
- b. This indemnity and hold harmless provision applies even if a Demand or Expense is in part due to the Indemnified Party's negligence or breach of a responsibility under this Agreement, but in that event, Contractor shall be liable only to the extent the Demand or Expense results from the negligence or breach of a responsibility of Contractor or of any person or entity for whom Contractor is responsible.
- c. Contractor is not required to indemnify any Indemnified Parties for, from, or against any Demand or Expense resulting from the Indemnified Party's sole negligence or other fault solely attributable to the Indemnified Party.

9. **E-verify, Records and Audits.** To the extent applicable under A.R.S. § 41-4401, the Contractor warrants their compliance and that of its subcontractors with all federal immigration laws and regulations that relate to their employees and compliance with the E-verify requirements under A.R.S. § 23-214(A). The Contractor or subcontractor's breach of this warranty shall be deemed a material breach of the Agreement and may result in the termination of the Agreement by the City under the terms of this Agreement. The City retains the legal right to randomly inspect the papers and records of the other party to ensure that the other party is complying with the above-mentioned warranty. The Contractor and subcontractor warrant to keep their respective

papers and records open for random inspection during normal business hours by the other party. The parties shall cooperate with the City's random inspections, including granting the inspecting party entry rights onto their respective properties to perform the random inspections and waiving their respective rights to keep such papers and records confidential.

10. **No Boycott of Israel.** To the extent A.R.S § 35-393 through § 35-393.03 are applicable, the parties hereby certify that they are not currently engaged in, and agree for the duration of the Agreement to not engage in, a boycott of goods or services from Israel, as that term is defined in A.R.S § 35-393.
11. **Uyghur Forced Labor Prevention Act (UFLPA).** Contractor certifies that it does not currently, and during the term of this Agreement, will not use:
  - a. the forced labor of ethnic Uyghurs in the People's Republic of China;
  - b. any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China; and
  - c. any contractors, subcontractors or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China.
12. **Attestation of PCI Compliance.** When applicable, the Contractor will provide the City annually with a Payment Card Industry Data Security Standard (PCI DSS) attestation of compliance certificate signed by an officer of Contractor with oversight responsibility.
13. **Notices.**
  - 13.1 A notice, request or other communication that is required or permitted under this Agreement (each a "Notice") will be effective only if:
    - a. The Notice is in writing; and
    - b. Delivered in person or by overnight courier service (delivery charges prepaid), certified or registered mail (return receipt requested); and
    - c. Notice will be deemed to have been delivered to the person to whom it is addressed as of the date of receipt, if:
      - (1) Received on a business day, or before 5:00 p.m., at the address for Notices identified for the Party in this Agreement by U.S. Mail, hand delivery, or overnight courier service on or before 5:00 p.m.; or
      - (2) As of the next business day after receipt, if received after 5:00 p.m.
    - d. The burden of proof of the place and time of delivery is upon the Party giving the Notice; and
    - e. Digitalized signatures and copies of signatures will have the same effect as original signatures.
  - 13.2 Representatives.
    - a. Contractor. Contractor's representative (the "Contractor's Representative") authorized to act on Contractor's behalf with respect to the Project, and his or her address for Notice delivery is:

Maria Paraschou  
c/o 3M Company  
3M Center, Bldg 223-3S-33  
St Paul, MN 55144
    - b. City. City's representative ("City's Representative") authorized to act on City's behalf, and his or her address for Notice delivery is:

City of Glendale  
c/o Shoalynn Gilliland  
5850 W Glendale Ave  
Glendale, Arizona 85301  
(623) 930-2863

With required copy to:

City Manager  
City of Glendale  
5850 West Glendale Avenue  
Glendale, Arizona 85301

City Attorney  
City of Glendale  
5850 West Glendale Avenue  
Glendale, Arizona 85301

c. Concurrent Notices.

- (1) All notices to City's representative must be given concurrently to City Manager and City Attorney.
- (2) A notice will not be deemed to have been received by City's representative until the time that it has also been received by City Manager and City Attorney.
- (3) City may appoint one or more designees for the purpose of receiving notice by delivery of a written notice to Contractor identifying the designee(s) and their respective addresses for notices.

d. Changes. Contractor or City may change its representative or information on Notice, by giving Notice of the change in accordance with this section at least ten days prior to the change.

14. **Financing Assignment.** City may assign this Agreement to any City-affiliated entity, including a non-profit corporation or other entity whose primary purpose is to own or manage the Project.

15. **Entire Agreement; Survival; Counterparts; Signatures.**

15.1 Integration. This Agreement contains, except as stated below, the entire agreement between City and Contractor and supersedes all prior conversations and negotiations between the parties regarding the Project or this Agreement.

- a. Neither Party has made any representations, warranties or agreements as to any matters concerning the Agreement's subject matter.
- b. Representations, statements, conditions, or warranties not contained in this Agreement will not be binding on the parties.
- c. The solicitation, any addendums and the response submitted by the Contractor are incorporated into this Agreement as if attached hereto. Any Contractor response modifies the original solicitation as stated. Inconsistencies between the solicitation, any addendums and the response or any excerpts attached as Exhibit A and this Agreement will be resolved by the terms and conditions stated in this Agreement.

15.2 Interpretation.

- a. The parties fairly negotiated the Agreement's provisions to the extent they believed necessary and with the legal representation they deemed appropriate.
- b. The parties are of equal bargaining position and this Agreement must be construed equally between the parties without consideration of which of the parties may have drafted this Agreement.
- c. The Agreement will be interpreted in accordance with the laws of the State of Arizona.

- 15.3 Survival. Except as specifically provided otherwise in this Agreement, each warranty, representation, indemnification and hold harmless provision, insurance requirement, and every other right, remedy and responsibility of a Party, will survive completion of the Project, or the earlier termination of this Agreement.
- 15.4 Amendment. No amendment to this Agreement will be binding unless in writing and executed by the parties. Any amendment may be subject to City Council approval. Electronic signature blocks do not constitute execution.
- 15.5 Remedies. All rights and remedies provided in this Agreement are cumulative and the exercise of any one or more right or remedy will not affect any other rights or remedies under this Agreement or applicable law.
- 15.6 Severability. If any provision of this Agreement is voided or found unenforceable, that determination will not affect the validity of the other provisions, and the voided or unenforceable provision will be deemed reformed to conform to applicable law.
- 15.7 Counterparts. This Agreement may be executed in counterparts, and all counterparts will together comprise one instrument.

**16. Term.**

- 16.1 Extensions. The term of this Agreement commences upon the effective date and continues for a one (1)-year initial period. The City may, at its option and with the approval of the Contractor, extend the term of this Agreement an additional four (4) years, on an annual basis. Contractor will be notified in writing by the City of its intent to extend the Agreement period at least thirty (30) calendar days prior to the expiration of the original or any extension period. Price adjustments will only be reviewed prior to the extension period and any such price adjustment will be a determining factor for any renewal. There are no automatic extensions or renewals of this Agreement.
- 16.2 Extension for Procurement Process. Upon the expiration of the Term of this Agreement, including the initial term and any renewals, at the City’s sole discretion, this Agreement may be extended on a month-to-month basis for a maximum of six (6) months to allow for the City to complete its procurement process to select a vendor to provide the services/materials similar to those provided under this Agreement. The City will notify the Contractor in writing of its intent to extend the Agreement at least thirty (30) calendar days prior to the expiration of the Term. Any extension provided under this subsection will continue under the same terms and conditions as in effect immediately prior to the expiration of the then-current term.

**17. Dispute Resolution.** Any controversy or claim arising out of or relating to this contract, or the breach thereof, shall be settled by arbitration administered according to the American Arbitration Association’s Commercial Arbitration Rules, and judgment on the award rendered by the arbitrator may be entered in any court having jurisdiction thereof.

**18. Cooperative Use of Contract.** This agreement may be extended for use by other governmental agencies and political subdivisions of the State. Any such usage by other entities must be in accord with the ordinances, charter, rules and regulations of the respective entity and the approval of the Contractor and City. For a list of SAVE members, click on the following link: <http://www.mesaaz.gov/business/purchasing/save>

**19. Exhibits.** The following exhibits, with reference to the term in which they are first referenced, are incorporated by this reference.

- Exhibit A        Project
- Exhibit B        Compensation

(Signatures appear on the following page.)

The parties enter into this Agreement as of the Effective Date shown above.

City of Glendale,  
an Arizona municipal corporation

---

By: Kevin Phelps  
Its: City Manager

ATTEST:

---

Julie K. Bower  
City Clerk (SEAL)

APPROVED AS TO FORM:

---

Michael D. Bailey  
City Attorney

3M Company,  
a Delaware Corporation

*Maria Paraschou*

---

By: Maria Paraschou  
Its: Senior Proposal & Contract Manager

**EXHIBIT A**  
**Materials for Signs and Markings**  
**PROJECT**

3M Company will provide materials for signs and markings as per the attached solicitation.



**SOLICITATION NUMBER: IFB 24-48/ 42400064**

**MATERIALS FOR SIGNS AND MARKINGS**

**CITY OF GLENDALE  
Procurement Division  
5970 West Brown Street,  
Suite 210  
Glendale, Arizona 85302**

**1. INTRODUCTION**

The City of Glendale, Arizona, Transportation Department is requesting bids from qualified vendors for the purchase and delivery of Materials for Signs and Markings on an “as needed” basis. The resulting Agreement shall provide for all materials in this contract. Unit pricing shall be firm include the cost of freight and all other associated direct or indirect costs, excluding taxes. The resultant contract WILL NOT include maintenance or installation.

**2. OBJECTIVES**

The objective of the City is to award multiple contracts to multiple vendors who are capable of providing a full range of traffic signs and marking materials. The City reserves the right to make multiple awards or to award by individual line items, by category or a group of line items, or to make an aggregate award, whichever is most advantageous to the City.

**3. REQUIRED SPECIFICATIONS**

**Item Number 1: Time Activated School Zone Flasher**

Equipment must conform to the following material requirements:

- Time activated school zone flasher must meet the National Electrical Manufacturers Association (NEMA) Standards.
- Each time activated school zone flashers must have 12” Amber LED Vehicle Indicators and include spare 12” Amber LED Vehicle Indicators. Assemblies must include poles, anchor bolts and any additional hardware required for installation.
- Flashers must display speed limit and SLOW DOWN message in 6” digits for 15” display, or 7” digits for 18” display, using red or amber LED’s.
- Each unit must include ELTEC, or approved equal, Time Clocks with the following capabilities:
  - Set operation hours by time of day and day of week with unlimited schedules and modes on perpetual calendar; include two-year exception list.
  - Schedule times of day for on and off control, view current schedule and speed settings modes, edit exceptions by date and time and download pre-configured schedules to City devices.
  - Collect date, time and speed for over 200,000 individual target vehicles and provide access to the raw data file for further analysis.
  - Program ON or OFF times, download and erase data in device, select stop-when- full or FIFO data storage.
  - Generate easy pre-defined speed compliance reports; includes advanced data windowing and statistics.
- The time activated school zone flasher must operate with a solar power unit to the power of 12VDC. Solar panels must be mounted on the side of flasher pole.
- The manufacturer must guarantee that mechanical and electrical equipment and material are free from any defects or imperfections in workmanship and material for a period of three (3) years. Amber LED panels must have a minimum ten (10) year warranty.



**SOLICITATION NUMBER: IFB 24-48/ 42400064**

**MATERIALS FOR SIGNS AND MARKINGS**

**CITY OF GLENDALE  
Procurement Division  
5970 West Brown Street,  
Suite 210  
Glendale, Arizona 85302**

- During the warranty period of three (3) years, technical support by toll-free telephone must be provided by the manufacturer 24 hours per day, 365 days per year and request for support by telephone must be answered by manufacturer personnel within one (1) hour.

**Item Number 2&3: Solar Power Radar Speed Feedback Signs (Black and White) & (Fluorescent Yellow-Green and Black)**

- The solar power radar speed feedback signs must operate with a solar power unit to power each assembly with solar control and 12VDC power. Batteries and a banding mount for a cabinet must be included.
- Solar panels must be mounted on the side of sign pole.
- The manufacturer must guarantee mechanical and electrical equipment and material are free from any defects or imperfections in workmanship and material for a period of three (3) years. Amber LED panels must have a minimum ten (10) year warranty.
- During the warranty period of three (3) years, technical support by toll-free telephone must be provided by the manufacturer 24 hours per day, 365 days per year, and request for support by telephone must be answered by manufacturer personnel within one (1) hour
- Solar power radar speed feedback signs must meet NEMA Standards.
- Each sign must be a 15" Radar Speed Feedback Signs with a white background and black lettering and have the capabilities to be mounted on a 15-foot A-Pole.
- Assemblies must include poles, anchor bolts and any additional hardware required for installation.
- Radar speed feedback signs must display speed limit and SLOW DOWN message in 6" digits for 15" display, or 7" digits for 18" display, using red or amber LED's.
- Each unit shall include the following capabilities:
  - Set operation hours by time of day and day of week with unlimited schedules and modes on perpetual calendar; include two-year exception list.
  - Schedule times of day for on and off control, view current schedule and speed settings modes, edit exceptions by date and time, and download pre-configured schedules to City devices.
  - Collect date, time, and speed for over 200,000 individual target vehicles and provide access to the raw data file for further analysis.
  - Program ON or OFF times, download and erase data in device, select stop-when- full or FIFO data storage
  - Generate easy pre-defined speed compliance reports; includes advanced data windowing and statistics.
  - Batteries need to be able to provide power for a minimum of 36 hours without being charged

**Item Number 4: Bolt Flared Leg Bracket 0.75" Thick Stainless Steel with Stainless Steel Bolt and Washer**

- Stainless steel straight saddle for 0.75" thick stainless steel banding

**Item Number 5: Stainless Steel Banding 100ft roll 0.30" thick 0.75" wide**

- Stainless steel banding 0.30" thick by 0.75" wide



**SOLICITATION NUMBER: IFB 24-48/ 42400064**

**MATERIALS FOR SIGNS AND MARKINGS**

**CITY OF GLENDALE  
Procurement Division  
5970 West Brown Street,  
Suite 210  
Glendale, Arizona 85302**

**Item Number 6: Banding Buckles Stainless Steel 0.75"**

- Stainless steel banding buckle/clamp/seal for 0.75" stainless-steel banding strap.

**Item Number 7: Stainless Steel Banding 100ft roll 0.20" thick 0.5" wide**

- Stainless steel banding 0.20" thick by 0.5" wide

**Item Number 8: Banding Buckles Stainless Steel 0.5"**

- Stainless steel banding buckle/clamp/seal for 0.5" stainless-steel banding strap

**Item Number 9: 45-Degree Offset Fitting (Bracket)**

- Perforated square steel tube 45-degree offset bracket

**Item Number 10: Cross Piece 90 Degree Flat 12" for sign groupings**

- Provide die-cast high strength aluminum street sign cross-piece bracket for support of arterial and local street name signs, or other sign groupings. Theft-proof stainless steel Allen 5/16" x 18 x 1/2" set screws are required.
- Refer to Glendale Standard SS-111 for bracket length and additional requirements.

**Item Number 11: 12" Cap 1 3/4" Square Tube**

- Provide die cast high strength aluminum street signpost bracket for support of arterial and local street name signs on 1 3/4" square posts.
- Refer to Glendale Standard SS-112 for bracket length and additional requirements.

**Item Number 12: 12" Cap 2" Square Tube**

- Provide die cast high strength aluminum street signpost bracket for support of arterial and local street name signs on 2" square posts.
- Refer to Glendale Standard SS-112 for bracket length and additional requirements.

**Item Number 13: Cantilever Wing Bracket 24" for light pole**

- Provide die-cast high strength aluminum light pole brackets (metro wing bracket). Theft-proof stainless-steel Allen 5/16" x 18 x 1/2" set screws are required. Shall be banded with three (3) 0.30" x 0.625" stainless-steel banding material.
- Refer to Glendale Standard SS-113 for bracket length and additional requirements.

**Item Number 14: Signpost 1.75" x 1.75"**

- 1.75" x 1.75" perforated 0.105" 12-gauge galvanized steel tubing
- All telescoping perforated square tubing shall be galvanized conforming to American Society for Testing and Materials International (ASTM) specification A-653 des. G-90.

**Item Number 15: Signpost 2" x 2"**

- 2" x 2" perforated 0.105" 12-gauge galvanized steel tubing
- All telescoping perforated square tubing shall be galvanized conforming to American Society for Testing and Materials International (ASTM) specification A-653 des. G-90.

**Item Number 16: Signpost 2.25" x 2.25"**

- 2.25" x 2.25" perforated 0.105" 12-gauge galvanized steel tubing



**SOLICITATION NUMBER: IFB 24-48/ 42400064**

**MATERIALS FOR SIGNS AND MARKINGS**

**CITY OF GLENDALE  
Procurement Division  
5970 West Brown Street,  
Suite 210  
Glendale, Arizona 85302**

- All telescoping perforated square tubing shall be galvanized conforming to American Society for Testing and Materials International (ASTM) specification A-653 des. G-90.

**Item Number 17: Signpost 2.5” x 2.5”**

- 2.5” x 2.5” perforated 0.105” 12-gauge galvanized steel tubing
- All telescoping perforated square tubing must be galvanized conforming to American Society for Testing and Materials International (ASTM) specification A-653 des. G-90.

**Item Number 18 :8” Cast Iron Tri- Slip Base Assembly, 36” anchor w. Hardware & Locking wedge**

- Refer to ADOT Standard S-3 and ADOT standard spec 607-2.06

**Item Number 19: Surface Mount Breakaway Assembly with hardware**

- Manual for Assessing Safety Hardware (MASH) compliant breakaway base that is designed with a 360° shear.
- Must be able to withstand winds up to 120 mph.
- Must be able to be used on concrete and asphalt surfaces.
- Wedge Anchor must be used for installation (size dependent on manufacturers recommendation). No plastic anchors will be allowed.
- All nuts and bolts must be included in the price of the assembly.

**Item Number 20: Complete Breakaway Assembly for 1.75” & 2” square post**

- Must be Federal Highway Administration (FHWA) approved breakaway device and MASH compliant
- Construction material must be steel with a 12 gauge. Galvanized finish.
- Shall have 7/16” holes on 1” centers for the full length of the post.

**Item Number 21: White or Yellow 36” Surface mount flexible delineator with base and Hardware**

- 36” surface mount flexible 3” round post delineator with base and all associated hardware for installation. Minimum of 2” - 3” reflective tape bands white or yellow or green.
- MASH compliant.
- Post replacement, if required will take less than 60 seconds, minimizing the field technician’s exposure to traffic, a key safety issue.
- Surface Mount Delineator must be able to withstand 200 multi-hit, omnidirectional and self-righting, product requiring little field maintenance easy and fast to replace to minimize opposer to traffic.
- System can be used with varying colors of reflectivity {white, red, yellow, blue} and different dimension sizes {3”x4”, 3”x8”, 3”x12”}. Reflective sheeting can also be wrapped for 360-degree visibility. This versatility accommodates the use of the product in various applications such as object markers, highway crossover markers, delineators, channelizers, number or guide markers.

**Item Number 22: Shur-curb Traffic 40” with 36” Flex tube and Hardware**

- The Channelizer is comprised of 3 components, allowing for easy change-out of any one part if necessary. These components include a 40” long curb with a 1-3/4” square receptacle and 6 each bolt holes, a non-mechanical square to round flexible self-righting joint and a round delineator post which



**SOLICITATION NUMBER: IFB 24-48/ 42400064**

**MATERIALS FOR SIGNS AND MARKINGS**

**CITY OF GLENDALE  
Procurement Division  
5970 West Brown Street,  
Suite 210  
Glendale, Arizona 85302**

accommodates 3" x 8" High Intensity Prismatic (HIP) or Diamond Grade (DG) reflective wrap(s) and can accept HDPE panels up to 12" x 36" in size. This allows for maximum nighttime visibility and traffic channelization.

- Traffic Channelizer incorporates a round post capable of taking impacts omni-directionally and is FHWA accepted. Post is self-righting and is designed to withstand multiple impacts, providing a long lasting, extremely durable product requiring little field maintenance.
- Traffic Channelizer is designed with exterior strengthening ribs so that the underneath of the curb is not hollow, which eliminates broken curbs. The curb has ramped ends which eliminates the need for separate end pieces. This design allows for the curb to be attached to the road surface utilizing the 6 supplied anchors. This design allows for maximum hold down efficiency.

**Item Number 23: Type IV Sheeting, Reflectorized Standard roll without hole.**

- All sheeting must be in compliance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD) and the 2012 supplement to the 2004 standard Highway Signs and Markings Manual (MUTCD Signing and Marking Standard Drawings)
- Type IV is a high-intensity retroreflective sheeting to meet or exceed 3M high intensity prismatic grade 3930 consisting of prismatic lens elements. The sheeting must have a pre-coated equivalent or pressure sensitive adhesive and must meet the minimum coefficients as required by ASTM 04956-09 Type IV.

**Item Number 24: Type IX Reflectorized Sheeting including fluorescent colors.**

- All sheeting must be in compliance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD) and the 2012 supplement to the 2004 standard Highway Signs and Markings Manual (MUTCD Signing and Marking Standard Drawings)
- Type XI sheeting is an unmetallized micro prismatic retroreflective element material meets or exceeds 3M DG3 diamond grade sheeting. Type XI sheeting shall meet the minimum coefficients of retroreflection as required by ASTM 04956-09 Type XI.
- The retroreflective sheeting (all types) must comply with the liner removal and adhesive requirements contained in ASTM D 4956-09 sections 6.8 and 6.9.

**Item Number 25: Sheeting, Acrylic Electro-Cut film.**

- Non-reflective vinyl sheeting in various colors. Durable, dimensionally stable vinyl that is pressure sensitive for commercial and industrial type applications which will withstand severe weather and handling conditions.
- Electronic cut able acrylic overlay films. The sheeting manufacturer must manufacture electronic cut able acrylic films in the standard traffic control colors, which must be part of sheeting matched components, in non-perforated, transparent and non-reflective film. When used in accordance with the sheeting manufacturer's instructions, must not be less the warranty term of the sheeting material (all Types).
- Graffiti film protective overlay. 3M 1160 or current spec or approved equivalent. The sheeting manufacturer must also manufacture clear



**SOLICITATION NUMBER: IFB 24-48/ 42400064**

**MATERIALS FOR SIGNS AND MARKINGS**

**CITY OF GLENDALE  
Procurement Division  
5970 West Brown Street,  
Suite 210  
Glendale, Arizona 85302**

protective overlays which are compatible with the sheeting and when used in accordance with the sheeting manufacturer's instructions, must not lessen the warranty term of the sheeting material (all types).

**Item Number 26: Sheeting, Acrylic EC film 1170 or equivalent, highly transparent to give equal or better retroreflective performance than sheeting screened with transparent inks**

- UV protection sheeting for traffic signs to resist fading or discoloring over time. Must be highly transparent to give equal or better retroreflective performance than sheeting screened with transparent inks.

**Item Number 27: Premium transparent POF which resists stains, solvents, graffiti, and stickers. UV resistant with less than 6% reflectivity loss from initial retro-reflectivity values.**

- When applied as a protective overlay on retroreflective signs, the signs will have similar day-night appearance
- Barrier to staining by many types of graffiti or defacement, including spray paint, permanent markers, and promotional stickers
- It allows easy cleaning of graffiti and removal of promotional stickers

**Item Number 28: TPM5, Clear Transfer Tape or Equivalent**

- Sign-making accessories for use with 3M™ Reflective Sheeting
- Clear transfer tape for pre-masking or applying pre-spaced legends wherever a clear transfer tape is desirable
- Solvent free

**Item Number 29: Aluminum Traffic Sign Blanks, .125” gauge**

- Aluminum blanks must have rounded corners
- Minimum thickness is 0.125”

**Item Number 30: Aluminum Traffic Sign Blanks, .100” gauge**

- Aluminum blanks must have rounded corners
- Minimum thickness is 0.100”

**Item Number 31: Aluminum Traffic Sign Blanks, .08” gauge**

- Aluminum blanks must have rounded corners
- Minimum thickness is 0.08”

**Specifications are listed below for Item Numbers 32 to 37:**

**Item Number 32: Finished Signs with .125 aluminum, Type XI Sheeting Reflectorized**

**Item Number 33: Finished Signs with .125 aluminum, Type IV Sheeting Reflectorized**

**Item Number 34: Finished Signs with .100 aluminum, Type XI Sheeting Reflectorized**

**Item Number 35: Finished Signs with .100 aluminum, Type IV Sheeting Reflectorized**

**Item Number 36: Finished Signs with .080 aluminum, Type XI Sheeting Reflectorized**

**Item Number 37: Finished Signs with .080 aluminum, Type IV Sheeting Reflectorized**

- All signs must be in compliance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD) and the 2012 supplement to the



**SOLICITATION NUMBER: IFB 24-48/ 42400064**

**MATERIALS FOR SIGNS AND MARKINGS**

**CITY OF GLENDALE  
Procurement Division  
5970 West Brown Street,  
Suite 210  
Glendale, Arizona 85302**

2004 standard Highway Signs and Markings Manual (MUTCD Signing and Marking Standard Drawings)

- All reflective sheeting must comply with the requirements listed in the table below:
- Green transparent pressure sensitive electrocut overlay film or digital printing is required.
- See Glendale Standard Drawings SS-010, SS-112, SS-122 and SS-131.

**Specifications are listed below for Item Numbers 39 to 42:**

**Item Number 38: Pavement Marker 4" x 4", 2- way**

**Item Number 39: Pavement Marker 4" x 4", 1-Way**

**Item Number 40: Pavement Marker 4" x 4" Yellow/Red**

**Item Number 41: Pavement Marker 4" x 4", White/Red**

**Item Number 42: Pavement Marker 4" x 4", 2-Way Blue**

- Durable, wet and dry retroreflective, impact resistant, abrasion resistant, molded-in body colors, rumble effect. lightweight, application finger grips, compatible with standard bitumen and epoxy adhesives
- Dimension Value Height  $0.625 \pm 0.050$  in. ( $15.88 \pm 1.27$  mm) Width  $4.00 \pm 0.50$  in. ( $101.6 \pm 12.7$  mm) Length  $3.50 \pm 0.50$  in. ( $88.9 \pm 12.7$  mm)
- Type retro reflectance refers to marker luminance measurements made using simplified viewing geometries that provide a convenient means of measurement for quality control purposes when specifying a unique marker type. White, Yellow, Red, Blue and Green Markers conform to the initial minimum retro reflectance values specified in when measured in accordance with ASTM E809.
- Refer to ADOT spec. 706-2.02 Reflective Pavement Markers

**Item Number 43: Adhesives: Bituminous 55 LB Boxes**

- Bituminous marker adhesive. Hot melt adhesive used to permanently bond pavement markers to Portland cement, concrete, and asphalt concrete. Extremely strong bond. Packaged in 55lb fiber cartons with four-way dividers.
- Refer to ADOT spec. 706-2.05 Bituminous Adhesive

**Item Number 44: Adhesives: Bituminous 4" Pads**

- Permanently flexible, non-shrinking and extremely water resistant. Superior surface adhesion. Will adhere to any clean dry surface. Impact resistant, fast setting.
- Refer to ADOT spec. 706-2.05 Bituminous Adhesive

**Item Number 45: Adhesives: SPA60**

- 3M™ Stamark™ Surface Preparation Adhesives are used to improve the adhesion of 3M™ Stamark™ Tapes for permanent applications
- Must be able to be applied by roller or spray application

**Specifications are list below for Item Numbers 46 to 61:**

**Item Number 46: Patterned, Tape,**

**Item Number 47: Patterned, Lined Tape,**

**Item Number 48: Patterned, Tape, Left Curve Arrow 4 per Box**

**Item Number 49: Patterned, Tape, Right Curve Arrow 4 per Box**

**Item Number 50: Patterned, Tape, Straight Arrow 4 per Box**



**SOLICITATION NUMBER: IFB 24-48/ 42400064**

**MATERIALS FOR SIGNS AND MARKINGS**

**CITY OF GLENDALE  
Procurement Division  
5970 West Brown Street,  
Suite 210  
Glendale, Arizona 85302**

**Item Number 51: Patterned, Tape, Straight Arrow 6 ft 2 per Box**

**Item Number 52: Patterned, RR 72" Crossing Kit**

**Item Number 53: Patterned, Tape, 72" Helmeted Bicycle Symbol**

**Item Number 54: Patterned, Bicycle Symbol with green 8 ft 2 per box**

**Item Number 55: Patterned, Tape, 8' individual letter and/or number**

**Item Number 56: Patterned, Tape, "Stop" Legend 1 per box**

**Item Number 57: Patterned, Tape, "Yield" Legend, 1 per box**

**Item Number 58: Patterned, Tape, "Ahead" Legend, 1 per box**

**Item Number 59: Patterned, Tape, "School" Legend, 1 per box**

**Item Number 60: Patterned, Tape, "Only" Legend, 2 per box**

**Item Number 61: Patterned, Tape, U-Turn Arrow, 14ft, 1 per box**

- The preformed patterned markings must consist of white or yellow films with pigments selected and blended to conform to standard highway colors. Glass beads must be incorporated to provide immediate and continuing retroreflection.
- Preformed words and symbols must conform to the applicable shapes and sizes as outlined in the "Manual on Uniform Traffic Control Devices for Streets and Highways."
- The preformed markings must be capable of being adhered to asphalt cement concrete and Portland cement concrete by a pre-coated pressure sensitive adhesive. A surface preparation adhesive may be used to precondition the pavement surface. The preformed markings must conform to pavement contours by the action of traffic. The pavement markings must be capable of application on new, dense and open-graded asphalt concrete wearing courses during the paving operation in accordance with the manufacturer's instructions. After application, the markings must be immediately ready for traffic. The preformed markings must be suitable for use for one year after the date of receipt when stored in accordance with the manufacturer's recommendations.

**Item Number 62: Yellow Chip Seal Markers 500 per Box**

- Peel and stick application
- Engineering Grade Reflectiveness on two sides

**Item Number 63: White Chip Seal Markers 500 per Box**

- Peel and stick application
- Engineering Grade Reflectiveness on two sides

#### **4. QUANTITIES**

The quantities referenced in this solicitation are estimates ONLY and are to be used for information purposes only. No commitment of any quantity is made during this contract.

#### **5. BRAND NAME OR EQUIVALENT**

There are a number of products that have been determined, through evaluation or testing, to be equivalent to the requirements of the specifications. The list of these brands is not intended to limit or restrict competition. Rather, it is to set the standard of quality, design, performance and characteristics of the products specified herein. Any bid which proposes products that are of equivalent quality,

	<p><b>SOLICITATION NUMBER: IFB 24-48/ 42400064</b></p> <p><b>MATERIALS FOR SIGNS AND MARKINGS</b></p>	<p><b>CITY OF GLENDALE</b>  <b>Procurement Division</b>  <b>5970 West Brown Street,</b>  <b>Suite 210</b>  <b>Glendale, Arizona 85302</b></p>
--	---	---

type of material, design and performance will be considered if sufficient evidence and information is given to establish it as equivalent and the City determines the product to be equivalent to the brand name and specifications

**6. DELIVERY**

- Delivery Time Monday – Friday from 9a – 2 p
- All deliveries shall be FOB Destination to 6210 W Myrtle, Glendale, AZ 85301

**7. OTHER REQUIREMENTS**

- A. Term. The term of the resultant contract shall be for a one (1) year initial term. The City may, at its option and upon mutual agreement with the Bidder(s), extend the term of this agreement for an additional four (4) years as defined in 4.B.
- B. Option to Extend. Based on satisfactory Bidder performance, the City, may at its option and upon mutual agreement with the Bidder, extend the term of this agreement for an additional four (4) years renewable on an annual basis. Bidder shall be notified in writing by the City Materials Manager of the City's intention to extend the contract period at least ninety (90) calendar days prior to the expiration of the original contract period.

**8. SUSPENSION AND DEBARMENT. (APPLIES TO ALL PURCHASES.)**

- A. This contract is a covered transaction for purposes of 2 CFR pt. 180 and 2 CFR pt. 3000. As such, the Contractor is required to verify that none of Contractor’s principals (defined at 2 CFR § 180.995) or its affiliates (defined at 2 CFR § 180.905) are excluded (defined at 2 CFR § 180.940) or disqualified (defined at 2 CFR § 180.935).
- B. The Contractor must comply with 2 CFR pt. 180, subpart C and 2 CFR pt. 3000, subpart C, and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- C. This certification is a material representation of fact relied upon by the City of Glendale. If it is later determined that the contractor did not comply with 2 CFR pt. 180, subpart C and 2 CFR pt. 3000, subpart C, in addition to remedies available to the City, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
- D. The Contractor agrees to comply with the requirements of 2 CFR pt. 180, subpart C and 2 CFR pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The Contractor further agrees to include a provision requiring such compliance in its lower tier covered transactions.

**EXHIBIT B**  
**Materials for Signs and Markings**  
**COMPENSATION**

**METHOD AND AMOUNT OF COMPENSATION**

Payment will be per Section 4 of the Agreement.

**NOT-TO-EXCEED AMOUNT**

The total amount of compensation paid to Contractor for full completion of all work required by the Project during the entire term of the Project must not exceed \$500,000.

**DETAILED PROJECT COMPENSATION**

See attached Contractors response to IFB 24-48.

**City of Glendale  
Materials for Signs and Markings  
Core Products List Price Sheet**

**Instructions:** Offerors shall submit pricing, brand names and catalog product information as completely as possible in the Core Products List below. (See Appendix A for detailed Equipment Specifications)

Equipment Category	Item No.	Item Description	Unit of Measure	Annual Estimated Quantity	Unit Price	Extended Price	Brand Name	Product No.
Traffic Engineering	1	Time Activated School Zone Flasher (for school zone flashing beacon system), Eltec School Zone Flashing Beacon with NC-17 Clock or TC300 Clock or Approved Equal.	EACH	10		\$0.00		
Traffic Engineering	2	Solar Power Radar Speed Feedback Signs (black & white), Information Display Speedcheck Radar Speed Signs, 15" Solar Radar Speed Sign (Fluorescent & White Sheeting) with Slow Down message or Approved Equal.	EACH	10		\$0.00		
Traffic Engineering	3	Solar Power Radar Speed Feedback Signs (Fluorescent Green and Black), Information Display Speedcheck Radar Speed Signs, 18" Solar Radar Speed Sign (Fluorescent & White Sheeting) with Slow Down message or Approved Equal.	EACH	10		\$0.00		
Sign Hardware	4	Bolt Flared Leg Bracket 0.075" Thick Stainless Steel with SS Bolt and Washer	EACH	2,500		\$0.00		
Sign Hardware	5	Stainless Steel Banding 100ft roll .30" thick 3/4"	EACH 100 FT ROLL	20		\$0.00		
Sign Hardware	6	Banding Buckles SS 3/4", 100 per box	EACH	1,000		\$0.00		
Sign Hardware	7	Stainless steel Banding 100ft roll .20" thick 1/2"	EACH 100 FT ROLL	10		\$0.00		
Sign Hardware	8	Banding Buckles Ear-Lok Buckles Type 201 1/2"	EACH	1,000		\$0.00		
Sign Hardware	9	45 Degree Offset Fitting (Bracket)	EACH	500		\$0.00		
Sign Brackets	10	12" Crosspiece 90 Degree	EACH	3,000		\$0.00		
Sign Brackets	11	12" Cap 1 3/4" Square Tube	EACH	500		\$0.00		
Sign Brackets	12	12" Cap 2" square Tube	EACH	500		\$0.00		
Sign Brackets	13	Cantilever Arm Support 24"	EACH	500		\$0.00		
Sign Post	14	Sign Post 1.75" x 1.75" perforated post	L. FT.	3,000		\$0.00		
Sign Post	15	Sign Post 2"x 2" perforated post	L. FT.	5,000		\$0.00		
Sign Post	16	Sign Post 2.25"x 2.25" perforated post	L. FT.	1,500		\$0.00		
Sign Post	17	Sign Post 2.5" x 2.5" perforated post	L. FT.	1,500		\$0.00		
Sign Post	18	8" cast iron Tri Slip Base Assembly, 36" anchor w. HDW & Locking Wedge	EACH	25		\$0.00		
Sign Post	19	Surface Mount Breakaway Assembly for 1.75" & 2" square post	EACH	25		\$0.00		
Sign Post	20	Complete Breakaway Assembly for 1.75" & 2" square post	EACH	25		\$0.00		
Sign Post	21	Flex tubes complete 36" with base and hardware	EACH	50		\$0.00		
Sign Post	22	Shur-curb traffic 40" with 36" flex tube and hardware	EACH	50		\$0.00		
Sign Sheeting	23	Type IV Sheeting, Reflectorized Standard roll without hole, per square foot	SQ. FT.	4,000	\$0.74	\$2,960.00	3M	3930 Series
Sign Sheeting	24	Type IX reflectorized sheeting including fluorescent colors, per square foot	SQ. FT.	12,000	\$1.74	\$20,880.00	3M	4000 Series
Sign Sheeting	25	Sheeting, acrylic EC film, per square foot	SQ. FT.	6,000	\$0.69	\$4,140.00	3M	1170 Colors
Sign Sheeting	26	Sheeting, acrylic clear EC film 1170 or equivalent, per foot	SQ. FT.	500	\$0.69	\$345.00	3M	1170 Clear
Sign Sheeting	27	Sheeting premium transparent POF which resists stains, solvents, graffiti, and stickers. UV resistant with less than 6% reflectivity loss from initial retro-reflectivity values, per square foot	SQ. FT.	2,000	\$1.25	\$2,500.00	3M	1160i
Sign Sheeting	28	Sheeting, TPMS clear transfer tape or equivalent, per foot	SQ. FT.	6,000	\$0.27	\$1,620.00	3M	TPM5
Sign Sheeting	29	Aluminum Traffic Sign Blanks, .125" gauge	SQ. FT.	20,000		\$0.00		

Sign Sheeting	30	Aluminum Traffic Sign Blanks, .100" gauge	SQ. FT.	25,000		\$0.00		
Sign Sheeting	31	Aluminum Traffic Sign Blanks, .080" gauge	SQ. FT.	25,000		\$0.00		
Sign Sheeting	32	Finished Signs with .125 aluminum, Type IV Sheeting ReflectORIZED	SQ. FT.	15,000		\$0.00		
Sign Sheeting	33	Finished Signs with .125 aluminum, Type XI Sheeting ReflectORIZED	SQ. FT.	15,000		\$0.00		
Sign Sheeting	34	Finished Signs with .100 aluminum, Type XI Sheeting ReflectORIZED	SQ. FT.	15,000		\$0.00		
Sign Sheeting	35	Finished Signs with .100 aluminum, Type IV Sheeting ReflectORIZED	SQ. FT.	15,000		\$0.00		
Sign Sheeting	36	Finished Signs with .080 aluminum, Type XI Sheeting ReflectORIZED	SQ. FT.	15,000		\$0.00		
Sign Sheeting	37	Finished Signs with .080 aluminum, Type IV Sheeting ReflectORIZED	SQ. FT.	15,000		\$0.00		
Raised Pavement Markers	38	Pavement Marker 4" x 4", 2-Way	EACH	500	\$0.85	\$425.00	3M	290/291, 2-way
Raised Pavement Markers	39	Pavement Marker 4" x 4", 1-Way	EACH	500	\$0.85	\$425.00	3M	290/291, 1-way
Raised Pavement Markers	40	Pavement Marker 4" x 4", Yellow/Red	EACH	500	\$0.85	\$425.00	3M	291, YR
Raised Pavement Markers	41	Pavement Marker 4" x 4", White/Red	EACH	500	\$0.85	\$425.00	3M	290/291, WR
Raised Pavement Markers	42	Pavement Marker 4" x 4", 2-Way Blue	EACH	50	\$1.10	\$55.00	3M	295-2B, 2-way
Pavement Marker Adhesive	43	Adhesives: Bituminous 50 LB Boxes	EACH	20		\$0.00		
Pavement Marker Adhesive	44	Adhesives: Bituminous 4" Pads	EACH	50		\$0.00		
Pavement Marker Adhesive	45	Adhesives: SPA60	GALLONS	15	\$40.00	\$600.00	3M	SPA60
Pavement Marking Materials	46	Patterned, Tape, per square foot	SQ. FT.	500	\$3.00	\$1,500.00	3M	270ES/271ES
Pavement Marking Materials	47	Patterned, lined Tape, per square foot	SQ. FT.	500	\$3.25	\$1,625.00	3M	L270ES/L271ES
Pavement Marking Materials	48	Patterned, Tape, Left Curve Arrow 4 per Box	EACH	20	\$320.00	\$6,400.00	3M	L270ES-LA
Pavement Marking Materials	49	Patterned, Tape, Right Curve Arrow 4 per Box	EACH	20	\$320.00	\$6,400.00	3M	L270ES-RA
Pavement Marking Materials	50	Patterned, Tape, Straight Arrow 4 per Box	EACH	20	\$240.00	\$4,800.00	3M	L270ES-SA
Pavement Marking Materials	51	Patterned, Tape, Straight Arrow 6 ft 2 per Box	EACH	20	\$67.50	\$1,350.00	3M	L270ES-A6
Pavement Marking Materials	52	Patterned,tape,RR 72" Crossing Kit	EACH	20	\$320.00	\$6,400.00	3M	L270ES-RX
Pavement Marking Materials	53	Patterned, Tape, 72" Helmeted Bicycle Symbol	EACH	20	\$80.00	\$1,600.00	3M	L270ES-BK
Pavement Marking Materials	54	Patterned, Bicycle Symbol with green box 8 ft 2 per Box	EACH	20		\$0.00		
Pavement Marking Materials	55	Patterned, Tape, 8" individual letter and/or number	EACH	20	\$82.50	\$1,650.00	3M	L270ES - CONFIG
Pavement Marking Materials	56	Patterned, Tape,"Stop" Legend, 1 per box	EACH	20	\$150.00	\$3,000.00	3M	L270ES-ST
Pavement Marking Materials	57	Patterned, Tape, "Yield" Legend, 1 per box	EACH	20	\$280.00	\$5,600.00	3M	L270ES-YI
Pavement Marking Materials	58	Patterned, Tape, "Ahead" Legend, 1 per box	EACH	20	\$195.00	\$3,900.00	3M	L270ES-AH
Pavement Marking Materials	59	Patterned, Tape,"School" Legend, 1 per box	EACH	20	\$220.00	\$4,400.00	3M	L270ES-SC
Pavement Marking Materials	60	Patterned, Tape, "Only" Legend, 2 per box	EACH	20	\$290.00	\$5,800.00	3M	L270ES-ON
Pavement Marking Materials	61	Patterned, Tape, U-Turn Arrow, 14 ft, 1 per box	EACH	20	\$440.00	\$8,800.00	3M	L270ES - CONFIG
Pavement Marking Materials	62	Yellow Chip Seal Markers 500 per box	BOX	1		\$0.00		
Pavement Marking Materials	63	White Chip Seal Markers 500 per box	BOX	1		\$0.00		

**City of Glendale  
Materials for Signs and Markings**

**Discount Off of Catalog Products List**

**Instructions:** Offerors shall also submit Discounts Off of their Catalog Products List for products which are **NOT** included in the City's Core Products

Equipment Category	Item No.	Category Description	Discount %	Catalog No. or Price List No.	Catalog or Price List Publication Date	Catalog Page Nos. Covered Under Discount %
ENGINEERING	64	Engineering Equipment (Includes but not limited to, school zone flashers, solar powered feed back signs, etc.)	%		/ /	
SIGN HARDWARE	65	Sign Hardware Equipment (Includes but not limited to, bolts and washers, brackets, rivets, etc.)	%		/ /	
SIGN POSTS	66	Sign Post Equipment (Includes but not limited to, sign posts of various sizes, sign post base and sleeve, etc.)	%		/ /	
SIGN SHEETING	67	Sign Sheeting Equipment (Includes but not limited to, reflectorized sign sheeting of various sizes, aluminum blank traffic signs, etc.)	16%		/ /	listed in our online ordering system BCOM. Note that 3M does not
PAVEMENT MARKING MATERIALS	68	Pavement Marking Materials (Includes but not limited to, pavement markers of various colors, adhesives, tapes, traffic paint, glass beads, etc.)	%		/ /	
TRAFFIC CONTROL EQUIPMENT	69	Traffic Control Equipment (Includes but not limited to, traffic barrels, barricade lights, post protectors, etc.)	%		/ /	
OTHER CATEGORIES:	70	Please Specify: _____	%		/ /	
		Please Specify: _____	%		/ /	
		Please Specify: _____	%		/ /	
		Please Specify: _____	%		/ /	
		Please Specify: _____	%		/ /	