



Carrie Eklund
Central Services Manager
Finance Department

**INVITATION TO BID
TRAFFIC SIGNS AND POSTS
BID NO.: 213-PW-018**

2/11/13

Name of Bidding Firm: _____

Address _____ City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

E-Mail: _____

Bid Opening Time and Date 11:00 a.m., Local Time, Wednesday, March 6, 2013

Bids will be accepted until the specified opening time and date. Any bidder attempting to deliver after the opening time and date will be refused.

Bid Deposit/Bid Bond: NO
Prevailing Wage NO
Performance Bond: NO

PLEASE MARK THE RETURN SEALED ENVELOPE:

1. Bid Opening Date and Time
2. Title of Job
3. Bid Number

RETURN BIDS TO:

City of Rockford
Central Services Manager
425 East State Street, 4th Floor
Rockford, Illinois 61104
Telephone: (815) 987-5560

BIDS SUBMITTED BY FASCSIMILE OR E-MAIL WILL NOT BE ACCEPTED

BID RESULTS:

Bid results may be obtained by telephone at (815) 987-5560, by fax at (800) 380-7174, or at www.rockfordil.gov

CITY OF ROCKFORD, ILLINOIS—BIDDING GENERAL CONDITIONS

1. Pricing. The bidder shall insert price for all bid items and all other information requested in these specifications. The price shall be the *full, delivered cost* to the City of Rockford with no additions.
2. Total versus “Per Item” Awards. The City generally awards contracts based on a lump sum basis to the lowest responsible and responsive bidder. However, the City may choose to award on a per item basis. Therefore, each bidder must submit pricing for each item indicated on the bid forms. Bidders must clearly indicate which items are bid and which are not.
3. Delivery of Merchandise. Delivery terms will always be Freight On Board (FOB)—Destination. The City of Rockford accepts no responsibility for the condition of any merchandise purchased prior to acceptance by City Personnel. Failure to comply with this requirement may constitute rejection of the bid.
4. Acceptance of Merchandise at Delivery. The City of Rockford reserves the right to refuse acceptance of delivered merchandise that differs substantially from the specifications in this invitation to bid or as otherwise permitted by Illinois law.
5. Prompt Payment Act. The City of Rockford intends to comply with the governmental prompt payment act. The awarded vendor will be paid upon submission of invoices to: City of Rockford Accounts Payable, 425 East State Street, Rockford, IL 61104.
6. W-9 Request for Taxpayer Identification Number. Prior to issuance of a purchase order, the successful bidder will be required to supply the City of Rockford with a federal W-9 Request for Taxpayer Identification Number and Certification. Failure to comply with this requirement will be considered a violation of contract terms, for which the City may bar the vendor from bidding for a period of up to three years.
7. Legal Compliance. The vendor awarded this contract will comply with all Federal, State, County, and City laws, ordinances, rules and regulations, which in any manner affect the product or service placed for bid herein. Lack of knowledge on the part of the awarded vendor of applicable law will in no way be cause for release of this obligation. If the City becomes aware of violation of any laws, ordinances, rules and regulations on the part of the awarded vendor, it reserves the right to reject any bid, cancel any contract, and pursue any other legal remedies deemed necessary.
8. Legal Requirements. This contract sets forth the entire final agreement between the City of Rockford and the bidder and shall govern the respective duties and obligations of the parties. The validity of this contract, and any disputes arising from the contract, shall be governed by the laws of the State of Illinois. Any litigation under this agreement shall be resolved in the trial courts of Winnebago County, State of Illinois. Should a provision of this contract be declared invalid by a court of competent jurisdiction, it shall not affect the validity of the remaining provisions of the contract.
9. Safety. Prevention of accidents at any project is the sole responsibility of the awarded vendor and its subcontractors, agents, and employees. The awarded vendor, its subcontractors, agents, and employees shall be fully and solely responsible for the safety of this project. The awarded vendor shall retain exclusive and direct control over the acts or omissions of its subcontractors, agents and employees, and any other persons performing portions of the work and not directly employed by the awarded vendor.

10. Criminal Background Check. When necessary for the protection of citizens and/or City staff, the City may require an awarded vendor to conduct a criminal background check on all of its personnel who will have direct contact with City facilities or residents/businesses served under this contract. Personnel are defined as representatives, agents, employees, subcontractors, or anyone else who will be utilized to fulfill obligations under this contract. Criminal background checks, at a minimum, shall consist of a county level felony and misdemeanor check for each county in which the personnel resided in the last 10 years. The awarded vendor shall notify the City of any of its personnel who have been convicted of a felony or misdemeanor prior to commencing any work under this contract. At the City's discretion, personnel with any felony or misdemeanor convictions which raise a concern about the safety of building, property, or City staff/resident's personal security, or is otherwise job related (as determined by the City) shall not perform work under this contract. Once given notice that a background check(s) will be required, it must be completed within 14 calendar days so as to not delay work to be completed.

11. Control of the Work. With respect to the awarded vendor's own work, the City shall not have contractual, operational, and/or supervisory control over and/or charge of the work and shall not be responsible for construction means, methods, techniques, sequences, procedures, and programs in connection with the awarded vendor's work, since these are solely the vendor's responsibility under the agreement. The City shall not be responsible for the awarded vendor's failure to carry out the work in accordance with the agreement's terms and conditions. The City shall not have control over and/or charge of acts or omissions of the awarded vendor, its subcontractors, and/or their agents or employees, or any other person performing portions of the work not directly employed by the awarded vendor. The awarded vendor shall be considered to be an "independent contractor" pursuant to Illinois law.

12. Bid Bond. When required on the cover sheet, a bid bond for not less than 5 percent of the bid amount must accompany all bids as a guarantee that if the bid is accepted, the bidder will execute and file the proper contract. A bank cashier's check, bank draft, or certified check equal to the amount specified is acceptable in lieu of a bid bond. Bid bonds of the two lowest firms will be retained until the contract is awarded.

13. Performance Bond. When required by the specifications herein, the awarded vendor shall furnish a performance bond equal to the amount of the contract, acceptable to the City, within 14 calendar days after notification of contract award. Failure to furnish the required bond within the time specified may be cause for rejection of the bid and any bid deposit may be retained by the City as liquidated damages and not as a penalty.

14. Taxes. No charge will be allowed for taxes from which the City of Rockford, Illinois is exempt. The City of Rockford, Illinois is not liable for the Illinois Retailers' Occupation Tax, the Service Occupation Tax or the Service Use Tax. The City is exempt from the Federal Excise and Transportation Tax.

15. Withdrawal of Bids. Firms may withdraw or cancel their bids at any time prior to the advertised invitation to bid opening. After the opening time, no bid shall be withdrawn or cancelled. All bids shall be firm and valid for a period of sixty (60) calendar days. If a bidder to whom a contract is awarded refuses to accept the award, the City may, at its discretion, suspend the bidder for a period of time up to three (3) years.

16. Subcontracting. The bidder shall provide information for all subcontractors, leased operators/equipment, and suppliers and all other information requested in the Subcontractor and Supplier Detail Forms attached. Requests for deviations from the completed detail forms submitted must be made in writing, and reviewed and approved by the City's Diversity Procurement Officer and the Central Services Manager or designee. The awarded vendor may not subcontract any portion of the contract after award without written consent of the City of Rockford

Central Services Manager. When subcontractors are used, the awarded vendor is required to pay subcontractors promptly after completion of work. Delay of payment is prohibited.

17. Termination of Contract. The City of Rockford reserves the right to terminate the contract in its entirety or in portions, upon written notice to the awarded vendor, if the Rockford City Council does not appropriate sufficient funds to complete the contract or in the event of default by the awarded vendor. Default is defined as failure of the awarded vendor to perform any of the provisions of this contract or failure to make sufficient progress so as to endanger performance of this contract in accordance with its terms. In the event of default, the City may purchase the product(s) and/or service(s) from other sources and hold the defaulting company responsible for any excess costs occasioned thereby. The City may require payment of liquidated damages for non-performance. Should default be due to failure to perform or because of a request for a price increase, the City reserves the right to remove the firm from the City's bidder list for a period of up to three years.

18. Late Bids and Proposals. Regardless of cause, late bids and proposals will not be accepted and will automatically be disqualified from further consideration. It shall be solely the vendor's risk to ensure delivery at the designated office by the designated time. Late bids and proposals will not be opened and may be returned to the awarded vendor at their request and expense.

19. EEO Forms. Each firm shall be required to submit with its bid information all EEO forms included in the invitation to bid package. Any bid which fails to include the properly completed compliance items will not be read and will not be considered. All subcontractors shall also be required to comply with the same EEO forms as the firm.

20. Restrictive or Ambiguous Specifications. It is the responsibility of the bidding firm to review the invitation to bid specifications and to notify the Central Services Manager if the specifications are formulated in a manner that would unnecessarily restrict competition. Any such protest or question regarding the specifications or invitation to bid procedures must be received by the Central Services Division not less than seventy-two hours prior to the time set for the opening. In the event a contract term is not defined within the contract document, the term will be given its ordinary dictionary definition.

21. Bid Protest. Firms wishing to protest bids or awards shall notify the Central Services Manager in writing within 7 days after the invitation to bid opening. The notification should include the bid number, the name of the firm protesting, and the reason why the firm is protesting the bid. The Central Services Manager will respond to the protest within seven (7) calendar days. A successful protest may result in the reversal of a previously awarded contract.

22. Disputes. In case of disputes as to whether or not an item or service quoted or delivered meets specifications, the decision of the Central Services Manager, or authorized representative shall be final and binding to all parties. The Central Services Manager has the right to waive technicalities as they see fit. The Central Services Manager may request a written recommendation from the head of the department using the equipment or service being procured.

23. Exceptions. Any deviations from these specifications shall be noted and submitted with the bid. Failure to address deviations from specifications may result in bid rejection.

24. Acceptance/Rejection of Bids. The City of Rockford reserves the right to accept or reject any or all bids or proposals at any time, for any reason, including but not limited to the Rockford City Council not appropriating

sufficient funds to purchase equipment or complete the contract. The City may make awards in any manner deemed in the best interest of the City.

25. Prevailing Wage. When indicated on the cover page of this document, this contract calls for the construction of a "public work," within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01 *et seq.* ("the Act"). The Act requires awarded vendors and subcontractors to pay laborers, workers, and mechanics performing services on public works projects no less than the "prevailing rate of wages" (hourly cash wages plus fringe benefits) in the county where the work is performed. When required, awarded vendors are responsible for paying current prevailing wage rates, as posted on the Illinois Department of Labor's website at: <http://www.state.il.us/agency/idol/rates/rates.HTM>. It is the awarded vendor's responsibility to verify current wage rates, as they are updated monthly. All awarded vendors and subcontractors rendering services under this contract must comply with all requirements of the Act, including but not limited to, all wage, notice, and record keeping duties.

26. Certified Payroll. All Certified Payroll reports required to be submitted under the Prevailing Wage Act, 820 ILCS 130, must be submitted monthly via email, in Excel or some format compatible with Excel, to certified.payroll@rockfordil.gov.

27. Substance Abuse Prevention. When required by Illinois State Statutes, awarded vendors must have in place and file with the City a written program for prevention of substance abuse among its employees. This program must include pre-hire, random, reasonable suspicion, and post-accident drug and alcohol testing, as required by the Substance Abuse Prevention on Public Works Projects Act.

28. Apprenticeship Requirement. For construction contracts over \$50,000, awarded vendors must participate in apprenticeship and training programs approved and registered with the United States Department of Labor's Bureau of Apprenticeship and Training for all Trades that will be in the awarded vendor's (or his subcontractor's) employment, with each worker receiving the required apprenticeship/training appropriate to his trade. Owners or work performed by owners is not exempt from the apprenticeship and training requirement.

29. Indemnification. To the fullest extent permitted by law, the awarded vendor shall indemnify and hold harmless the City, its officers, representatives, elected and appointed officials, agents, and employees from and against all claims, damages, losses and expenses, including but not limited to attorney's fees, arising out of or resulting from the awarded vendor's performance of work under this agreement, and indemnifies and agrees to defend and hold harmless the City against any and all losses, claims, damages, and expenses arising from the work performed hereunder of the erection, construction, placement, or operation of any scaffold, hoist, crane, stay, ladder, support, or other mechanical contrivance in connection with such work including but not limited to losses, claims, damages, and expenses arising pursuant to claims asserted against the City pursuant to theories premised upon section 414 of the Restatement (Second) of Torts and section 343 of the Restatement (Second) of Torts.

This indemnification agreement shall not be limited in any way by any limitations on the amount or type of damages, compensation, or benefits payable by or for the awarded vendor under Worker's Compensation Acts, disability benefit acts, or other employee benefit acts, and serves as an express agreement to waive the protection of *Kotecki v. Cyclops Welding Corp.*, 146 Ill.2d 155, 585 N.E.2d 1023 (1991) in Illinois.

Further, the awarded vendor agrees that it is solely responsible for compliance with all safety laws applicable to the work performed hereunder, including but not limited to the Occupational Safety and Health Act of 1970 and the Construction Safety Act of 1960 and all standards and regulations which have been or shall be promulgated by the agencies which administer the Acts.

Under no circumstances shall the awarded vendor, its subcontractors, agents, and employees be required to indemnify the City for its own negligence.

30. Officers. Each bidder affirms, by submission of a response to this bid or request for proposals, that no officer of the City of Rockford, Illinois, is directly or indirectly interested in the proposal for any reason of personal gain.

31. Non-Waiver. The failure by the City to require performance of any provision shall not affect the City's right to require performance at any time thereafter, nor shall a waiver of any breach or default of this contract constitute a waiver of any subsequent breach or default or a waiver of the provision itself.

32. Professional Services Selection Act. The City of Rockford intends to comply with 50 ILCS 510/5 governing the selection of professional services. Any reference in these terms and conditions to supplying pricing or price as a determining factor in selection do not apply for services covered by said act.

33. The City of Rockford reserves the right to accept or reject any and all proposals and to waive technicalities in submitted bids.

**BID REQUIREMENTS FOR
EQUAL EMPLOYMENT OPPORTUNITY**

All bidders seeking to do business with the City of Rockford are **REQUIRED** to submit with any formal, sealed bid all of the following documents and information, attached herewith, completed and signed:

1. Equal Employment Opportunity Affirmative Action Plan Statement of Policy.
2. The Statement of Non-Compliance and Certificate of Non-Segregated Facilities.
3. The Contractor or Vendor Workforce Data Form listing all current employees, by classification, directly employed by the bidder. All categories of information requested must be supplied.
Note: The number of employees must be entered under each category (no check marks)

Below are the Federal definitions of the following racial groups accepted as minorities by the City of Rockford:

Black: A person having origins in any of the Black racial groups of Africa, not of Hispanic origin.

Hispanic: A person of Spanish or Portuguese culture with origins in Mexico, South or Central America, or the Caribbean Islands, regardless of race.

Asian: A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes for example, China, Japan, Korea, the Philippine Republic and Samoa.

American Indian or Alaskan Native: A person having origins in any of the original peoples of North America.

4. Your State of Illinois Pre-Qualification Certification Number, issued by the Illinois Department of Human Rights for the Illinois Department of Human Rights Act, must provide expiration date entered in the place provided therefore.
5. Certificate of Non-Barred Bidding
6. All executed Subcontractor/Leased Operator and Supplier forms.

If you have not obtained your State of Illinois Pre-Qualification Number (item #4), by signing these documents you agree to make application for this number within 30 days from the date of bid opening.

ANY BID WHICH FAILS TO INCLUDE THE CITY OF ROCKFORD EEO PAGES 2, 4, AND 5, COMPLETED AND SIGNED WITH YOUR SEALED BID WILL NOT BE READ AND WILL NOT BE CONSIDERED – NO EXCEPTIONS.

Falsification of any required Equal Employment Opportunity or Affirmative Action information on the part of the bidder could result in rejection of the bid submitted or in the case where a contract has already been awarded, in the cancellation of said contract.

Any questions pertaining to E.E.O. requirements should be addressed to Ron Moore, Diversity Procurement Officer, Legal Department, 425 East State Street, Rockford, Illinois 61104, Phone: (815) 987-5622 or ron.moore@rockfordil.gov

EQUAL EMPLOYMENT OPPORTUNITY
AFFIRMATIVE ACTION PLAN
STATEMENT OF POLICY

It is the policy of this company, _____
to provide equal employment opportunity without regard to race, religion, color, national origin, handicap, age or sex through a program of positive action affecting all employees. In this program, our company carries out the requirements of Federal Executive orders 11246 and 11375, Civil Rights Act of 1964, Equal Employment Act of 1972, and all other applicable laws, and indicates its active support of the principle of equal opportunity in employment.

At present, _____ % of our work force are minorities and _____ % of our work force are females, and we will attempt to utilize minorities and females through a positive, continuing program in all jobs for which we contract in the future. Our company will utilize referrals from the City of Rockford's Diversity Procurement Officer for use of minorities and females regarding any future job vacancies.

It is also our intent to make efforts to purchase supplies or equipment from small business concerns located in the City of Rockford or counties of Winnebago or Boone and owned in substantial part (at least 51 per cent) by minorities or females.

_____ is the official who will be responsible for implementing this policy statement.

_____ will be designated as the Equal Opportunity Officer in our company, responsible for submission of all required equal employment opportunity documents.

In addition, _____ is hereby authorized to sign payroll as well as this company's officers. (NOTE: If only officers will be authorized to sign payrolls, please fill in "No One" in this space.)

STATEMENT OF NONCOMPLIANCE

If the equal employment opportunity hearing committee determines that a contractor, subcontractor/leased operator of equipment or bidder is not in compliance with this chapter, (also known as Chapter 11, Article III the City of Rockford Equal Opportunity Employment Ordinance), the hearing committee shall issue and serve upon such person a written statement of noncompliance setting forth the manner in which it finds such person has violated this chapter, and imposing and/or requiring appropriate sanctions, including, but not limited to any and/or all of the following:

- a. Denying, suspending or revoking qualifications, or declaring the contractor or subcontractor irresponsible and ineligible for future contracts or subcontracts until such time as the contractor or subcontractor shall demonstrate to the equal employment opportunity hearing committee that it is in compliance;
- b. Withholding or delaying payment on the contractor or;
- c. Suspending, avoiding or canceling contract work.

CERTIFICATION OF NON-SEGREGATED FACILITIES

The bidder certifies that he/she does not maintain or provide for his/her employees any segregated facilities at any of his/her establishments, and that he/she does not permit his/her employees to perform their services at any location, under his/her control, where segregated facilities are maintained. The bidder agrees that a breach of this certification will be a violation of the Equal Opportunity clause in any contract resulting from acceptance of this bid.

The bidder agrees that (except where he/she has obtained identical certification from proposed subcontractors/leased operators of equipment for specific time periods) he/she will obtain identical certification from proposed subcontractors/leased operators of equipment from the provisions of the Equal Opportunity clause, and that he/she will retain such certification in his/her files.

CERTIFICATE OF NON-BARRED BIDDING

The undersigned certifies that it is not barred from bidding on this contract as a result of a conviction for the violation of State laws prohibiting bid rigging or bid rotating. The undersigned also certifies that current or prospective employees, contractors, and subcontractors/leased operators of equipment are not listed as Excluded Individuals/Entities with the US Government, as maintained by the US General Services Administration.

By signing below, the firm agrees that all information provided in the previous pages is accurate, and that if the firm below does not currently have a Department of Human Rights number they will apply for one within thirty days with the State of Illinois.

Authorized Signature

Title

Firm

Our firm is a:

Minority Business Enterprise _____

City-Certified? Yes ___ No ___

Women Business Enterprise _____

City Certified? Yes ___ No ___

Neither _____

(Revised 12/21/09)

Traffic Signs and Posts
Bid No.: 213-PW-018

1.0 General Scope

- 1.1 The City of Rockford, in the annual operating budget for the Public Works Department, allocates funding for a variety of traffic signs and sign related equipment. Included in the allocation is traffic sign blanks, traffic sign posts, and finished traffic signs. The following specification and bid package is intended to describe the minimum acceptable product to fulfill this need.

2.0 General Requirements

- 2.1 Evaluation of Bid. Each bid shall be evaluated to determine whether the proposed product or service complies with the specifications detailed in this document. If this evaluation determines that a bid does not comply with the specifications set forth in this invitation to bid, then that bid shall be eliminated from consideration.
- 2.2 Basis of Award. The City will award this contract to the lowest responsive and responsible bidder that is able to meet the requirements and criteria set forth in this document. The City of Rockford may award the contract based on line item categories, or as a whole, whichever best serves the interest of the City.
- 2.3 Stated delivery date. Bidders are asked to supply a delivery date on the bid form. It is understood that the stated delivery time is a vital component of the bid. The vendor's plea that insufficient time was specified is not a valid reason for failure to meet the stated delivery date. Only when a delay occurs due to unforeseen causes and beyond the control and without fault or negligence of the vendor may the delivery date be extended. The City shall be the sole judge as to whether the delivery date shall be extended.
- 2.4 Request for delivery date extension. No extension of time on account of delay due to unforeseen causes shall be granted if written application therefor is not filed by the vendor with the City setting forth the reasons, which is believed to justify the approval of the extension request. A written request for extension may not be made after the specified delivery date. After the vendor has filed a request for an extension of time the City will notify the vendor, in writing, whether or not such extension will be approved. If approved, the extended date for the delivery of the equipment shall then be considered as in effect the same as if it were the original date for delivery of the equipment.
- 2.5 Liquidated Damages. Should the vendor fail to deliver the product on or before the stated delivery date, the vendor shall be liable to the City in the following amounts listed below, not as a penalty, but as liquidated damages, for each week of overrun in the deliver time or such extended time as may have been allowed.
- 2.7.1 Sign blank - \$0.25 per sign blank per week or fraction thereof.
- 2.7.2 Sign post - \$0.25 per sign post per calendar day.
- 2.7.3 Finished traffic signs - \$1.00 per finished sign per week or fraction thereof.
- 2.6 Exceptions. Any deviations from specifications listed in section 4.0 shall be noted and submitted as an attachment to the bid. Failure to address deviations from specifications will result in the

evaluation team assuming that the vendor is compliant with the bid specifications. However, upon delivery the product will be rejected and sent back at the expense of the vendor. Shipment of goods that have been rejected as non-compliant to the specifications does not meet the delivery performance guarantee.

2.7 Contract Term. This contract is a one year contract from date of award without option for renewal.

2.8 Contact Person. The contact person for this proposal is Anne Wilkerson, Financial Analyst at (815) 987-5741 or anne.wilkerson@rockfordil.gov.

3.0 Specific Requirements – Sign Blanks

3.1 The sign blanks are to be used with application of reflective sheeting or plastic film. All sign blanks shall be new, and shall be fabricated from aluminum alloy flat stock which has been alodized, degreased and etched. The blanks must be free of all burrs and snags. Refurbished sign blanks shall not be allowed. All sign blanks shall be free of discoloration and shall pass the tape snap and water break tests as detailed in the 3M Corporation publication, "Sign Base Surface Preparation for 3M Scotchlite Reflective Sheeting Application".

3.2 All rectangular shaped blanks shall have rounded corners with standard radius. All blanks shall have mounting holes drilled or punched at the standard locations. The square blanks shall include mounting holes for square and diamond mounting. The rectangular blanks shall include mounting holes for vertical and horizontal mounting. The 9" blanks of all lengths, to be used for street name signs, shall have four 3/8" holes drilled or punched in the exact center of each side of the blank, with the holes 1/2" on center from the adjacent edge. The 9" blanks shall have 1 1/2" corner radii.

3.3 All sign blanks shall be firmly packed and bundled to prevent damage in shipping and handling. Maximum weight per package shall not exceed seventy-five (75) pounds. All sign blanks shall be delivered F.O.B. City of Rockford, City Yards, 523 South Central Avenue (formerly 500 South Independence Avenue), Rockford Illinois with attention to Charles Jones, no later than sixty-five (65) days following the issuance of a purchase order. All bidders shall state their approximate delivery date. All deliveries must be made from a flatbed truck capable of being off-loaded from the side without the use of a loading dock.

4.0 Specific Requirements – Traffic Sign Posts

4.1 Category I – U Channel Posts

4.1.1 The U-Channel posts shall be fabricated from hot rolled high carbon steel or steel meeting the requirement of AASHTO M227 grade 70-80 or ASTM A-499. The posts shall be a minimum weight of 2 lb/ft. for all lengths greater than or equal to eight feet and 1.12 lb./ft. for lengths less than eight feet. The posts shall be finished hot dipped galvanized to ASTM-123 specifications. The 7 foot posts shall be a nominal width of 2 1/4". All other posts shall be a nominal width of 3.

4.1.2 The posts shall be a wide-flange, double ribbed back channel type and the bottom of the post shall be tapered or pointed for easy driving. The posts shall be full length punched, with 3/8" diameter holes on 1" centers beginning 1" from the top of the post. The posts shall be packaged in a maximum of 50 posts per bundle and each bundle shall be securely banded to prevent spillage during shipping, unloading and normal handling. All deliveries must be made from a flatbed truck capable of being off-loaded from the side without the use of a loading dock.

4.2 Category II – Square Tube Posts and Anchors

- 4.2.1 The square tube posts and anchors shall be fabricated from either cold rolled carbon sheet steel or hot rolled carbon sheet steel meeting the requirements of ASTM A570-50.
- 4.2.2 The posts and anchors shall carry a minimum certifiable yield strength of 60,000 PSI. The posts shall be formed of the proper gauge steel to provide breakaway functionality, such that, when impacted the post shall fracture at the point of connection with the anchor in such a manner that the piece inside the anchor can be removed easily. The removal of the remaining piece inside the anchor shall not require removal of the anchor or require any bending or pounding on the anchor.
- 4.2.3 The posts shall be straight and it shall be possible to telescope all consecutive sizes freely and for not less than 10 feet of their length. Telescoping shall be possible without the need of matching any particular face to any other face.
- 4.2.4 All holes and ends shall be free from burrs and all ends shall be cut square. Permissible variation in straightness is 1/16" in a three-foot length.
- 4.2.5 The posts shall be finished hot dipped galvanized to ASTM specifications.
- 4.2.6 The square tube posts shall be a nominal 1 3/4" x 1 3/4" square. Minimum weight of 1.70 lb./ft. and a minimum wall thickness of 0.083 inches (14 gauge) for the 1 3/4" posts and a minimum weight of 2.41 lb./ft. and a minimum wall thickness of 0.105 inches (12 gauge) for posts and anchors 2" or greater in dimension.
- 4.2.7 The upright posts shall be 11 feet in length and the anchor posts shall be 3 feet in length.
- 4.2.8 The square tube posts shall have 7/16" diameter holes punched on 1" centers the entire length of the post on all four sides.
- 4.2.9 Holes shall be on centerline of each side of the post in true alignment and opposite to each other directly and diagonally.
- 4.2.10 The anchor posts shall be capable of being manually driven into the ground with a reusable driving cap and sledge hammer without deforming the post or driving cap. The ends of the post shall not be modified or pointed to assist driving.
- 4.2.11 The posts shall be packaged in a maximum 50 posts per bundle and each bundle shall be securely banded to prevent spillage during shipping, unloading and normal handling. All deliveries must be made from a flatbed truck capable of being off-loaded from the side without the use of a loading dock.

5.0 Finished Traffic Signs

- 5.1 All finished signs shall at a minimum, meet the requirements of the Illinois Department of Transportation (IDOT) specifications for Type B, Type A and Type ZZ (including strong yellow green) roadway traffic signs. In addition, the finished sign supplier shall be certified by the sheeting manufacturer that all requirements of the sheeting manufacturer can be met. This includes any requirements of the sheeting manufacturer that apply to warranty or guarantee provisions.

- 5.2 The sheeting manufacturer shall warranty that the Type A and Type ZZ reflective sheeting shall retain 80% of the minimum coefficient of retroreflection listed in Table 602-1 of Section T602 of the current IDOT specifications after ten years of vertical exposure. Warranty provisions shall provide, at a minimum, a pro rata replacement of the sheeting material where it can be shown that performance criteria have not been met during the ten year field performance period. It is desirable that color process screening with ink provide a similar guarantee. The warranty provisions for color process screening with ink shall be stated in the Bid Form or included with the bid submittal.
- 5.3 The finished signs shall be fabricated from aluminum alloy flat stock which has been alodized, degreased and etched. The blanks shall be new and shall be free of all burrs and snags. All rectangular blanks shall have rounded corners. All finished signs shall have mounting holes drilled or punched at the standard locations. The blank warning signs shall have holes drilled for square or diamond mounting.
- 5.4 All finished signs shall be firmly packed and bundled to prevent damage in shipping and handling. Maximum weight per package shall not exceed seventy-five pounds. All finished signs shall be delivered F.O.B. City of Rockford, City Yards, 523 South Central Avenue (formerly 500 South Independence Ave), Rockford, Illinois 61102 with attention to Charles Jones, no later than sixty-five (65) days following the issuance of a purchase order. All bidders shall state their approximate delivery date. All deliveries must be made from a flatbed truck capable of being off-loaded from the side without the use of a loading dock.

6.0 Delivery and Payment

- 7.1 Delivery terms. The successful bidder's price shall be the delivered price FOB to 523 South Central Avenue (formerly 500 South Independence Avenue), City Yards, Rockford, Illinois, 61102, attention to Charles Jones. All deliveries must be made from a flatbed truck capable of being off-loaded from the side without the use of a loading dock.
- 7.2 Inspection and delivery. Before the product is delivered to the City, the successful bidder shall make a complete inspection of the shipment and correct any defects.

TRAFFIC SIGN BLANKS
Appendix-A

Item No.	Description	Size	Quantity	Unit Price	Total Price
1	.080 Aluminum Blank	4' x 8'	20	\$	\$
2	.080 Aluminum Blank	9" x 12"	100	\$	\$
3	.080 Aluminum Blank	18" x 24"	100	\$	\$
4	.080 Aluminum Blank	18" x 18"	100	\$	\$
5	.080 Aluminum Blank	18" x 60"	15	\$	\$
6	.080 Aluminum Blank	12" x 24"	25	\$	\$
7	.080 Aluminum Blank	36" x 48"	10	\$	\$
8	.080 Aluminum Blank	24" x 60"	10	\$	\$

TOTAL COST \$ _____

DELIVERY DATE _____

Person, Firm or Corporation

Authorized Signature and Title

Date

TRAFFIC SIGN POSTS
Appendix - B

Item No.	Description	Size	Quantity	Unit Price	Total Price
1	3' Square base	2" x 2" square	100	\$	\$
2	11' Square post	1¾" x 1¾" square	250	\$	\$

TOTAL COST \$ _____

DELIVERY DATE _____

No U-Channel Posts needed this year.

Person, Firm or Corporation

Authorized Signature and Title

Date

FINISHED TRAFFIC SIGNS

Appendix – C

NO.	DESCRIPTION	SHEETING TYPE	MUTCD	SIZE	NEED	UNIT \$	TOTAL \$
1	STOP AHEAD(SYMBOL)	TYPE ZZ	W3-1	30"X30"	60		
2	SIGNAL AHEAD(SYMBOL)	TYPE ZZ	W3-3	30"x30"	10		
3	STOP	DG	R1-1	36"	100		
4	NPAT W/NO ARROW	TYPE ZZ	R7-1	12"X18"	150		
5	YIELD	TYPE ZZ	R1-2	36X36X36	20		
6	ONE WAY →	TYPE ZZ	R6-2R	18"X24"	25		
7	ONE WAY ←	TYPE ZZ	R6-2L	18"X24"	25		
8	NPAT ←	TYPE ZZ	R7-1	12"X18"	20		
9	NPAT→	TYPE ZZ	R7-1	12"X18"	30		
10	HDCP W/\$250 FINE	TYPE ZZ	R7-8	12"X18"	30		
11	2HR PARKING 8-5 W/NO ARROW	TYPE ZZ	R7-108	12"X18"	50		
12	1HR PARKING 8-5 W/NO ARROW	TYPE ZZ	R7-108	12"X18"	40		
13	SCHOOL X-ING	DG	S1-1	36"X36"	20		
14	SPEED LIMIT 30	TYPE ZZ	R2-1	24"X30"	50		
15	SPEED LIMIT 40	TYPE ZZ	R2-1	30"X36"	20		
16	END SCHOOL ZONE	TYPE ZZ	S5-2	24"X30"	50		
17	LEFT LANE MUST TURN LEFT	TYPE ZZ	R3-7	30"X30"	40		
18	NO LEFT TURN	TYPE ZZ	R3-2	24"X24"	30		
19	DEAD END	TYPE ZZ	W14-1	24"X24"	20		

Total All Items _____

Finished Signs Delivery Date _____

Person, Firm or Corporation

Authorized Signature and Title

Date