



McHenry County
Purchasing Department
2200 N Seminary Avenue
Woodstock, IL 60098

Bid 22-5378
Division of Transportation 2023 Sign Materials

Contact Person:

Djuana Leonard, C.P.M., Procurement Specialist Email: dmleonard@mchenrycountyil.gov

Bid Due Date and Time: August 18, 2022 no later than 9:00 a.m. (CST)

PDFs should be emailed to dmleonard@mchenrycountyil.gov.

Electronic bids ONLY, no onsite bid opening.

MANDATORY COVER PAGE (1/10)

PLEASE TYPE or PRINT CLEARLY

Company: _____ Date: _____

Contact Person: _____

Address: _____ City: _____ State: _____ Zip Code: _____

Email Address: _____

Telephone Number: _____

The attention of bidders is directed to the McHenry County Purchasing Ordinance, amended August 1, 2019. This Ordinance is incorporated by reference into this bid as if it were contained herein. If you have not received a copy of the above Ordinance and desire a copy, please contact the Purchasing office.

Any communication regarding this bid between the date of issue and date of award is required to go through the Procurement Specialist listed above (or the Purchasing Administrative Specialist). Unauthorized contact with other McHenry County staff or officers is strictly forbidden.

SCHEDULE OF EVENTS

August 2, 2022	Bid Available on County Website
August 10, 2022	Questions due no later than 12:00 p.m. (CST). Submit via email
August 12, 2022	Addendum posted on County website no later than 4:00 p.m. (CST)
August 18, 2022	<p>Bids due no later than 9:00 a.m. (CST) Email PDFs to dmleonard@mchenrycountyil.gov</p> <p>NO ONSITE BID OPENING</p>
August 18, 2022	<p>Bid opening conducted via WebEx meeting at 1:00 p.m. (CST) Details available on bid page</p>

DESCRIPTION OF WORK AND SPECIFICATIONS

Provide sign materials to the McHenry County Division of Transportation for 2023 according to the following special provisions, subject to continuing need and availability of funds.

- A unit price is required for all items in the groups listed below
- No shipping costs will be paid for materials purchased. All shipping costs for material purchased must be included in the unit bid price for those items.
- Unit prices must remain in effect until November 1, 2023
- Bidders may bid on any or all groups. Bidders are not required to bid on all groups. The award(s) will be made to the lowest responsible, responsive bidder by group. There may be multiple awards
- All quantities listed in the Schedule of Prices are estimated quantities only. The County makes no promise of volume throughout the contract term. The County reserves the right to add or deduct from the quantities shown on the Schedule of Prices.

SUMMARY OF GROUPS:

1. U-CHANNEL GALVANIZED STEEL SIGN POSTS
2. SQUARE CHANNEL GALVANIZED STEEL SIGN POSTS & SIGN CHANNEL
3. ALUMINUM BLANKS
4. SIGN MATERIAL ROLL GOODS
5. SIGN FACES
6. ROLL UP WARNING SIGN ASSEMBLIES
7. TRAFFIC CONTROL DEVICES
8. SIGN INSTALLATION TOOLS
9. SIGN MOUNTING HARDWARE

Group 1: U-CHANNEL GALVANIZED STEEL SIGN POSTS:

The delineator posts shall be U-shaped Galvanized Steel Delineator Posts (IDOT Type C) of varying lengths indicated on the proposal, weigh 1.12 lbs. per foot, holes 3/8" in diameter 1-inch from the top on 1-inch centers for a minimum of 18" per IDOT Highway Standard 720011-01 and the requirements of section 1006.29 of IDOT's Standard Specifications for Road and Bridge Construction (2016). The delineator posts shall have a natural galvanized finish and shall not be painted.

When the delineator posts arrive at their destination (County Yard), County personnel will check for galvanization, hole size, hole spacing, weight and length. All deliveries shall be made within "30" days upon receipt of any order. Deliveries shall be made before 2:00 P.M. (CST) on any weekday. All posts are to be delivered to the County Yard via flatbed truck.

Group 2: SQUARE CHANNEL GALVANIZED STEEL SIGN POSTS & SIGN CHANNEL

The telescoping steel sign supports shall conform to section 1093 of IDOT's Standard Specifications for Road and Bridge Construction (2016).

Revised paragraph 3 in section 1093.01 (c).

Paragraph 3. Holes 7/16+ or -1/64-inch in diameter will be spaced one inch on centers on all sides for the entire length of the posts. Holes shall be on the centerline of each side in true alignment and opposite each other to accept a 3/8-inch through the post at any location. The post shall have a smooth galvanized finish applied either before or after forming. The posts shall have a galvanized finish (not painted).

The size of the posts and bases are listed below.

- 12-foot x 2" x 2" steel posts shall be 14-gage galvanized steel
- 14-foot x 2" x 2" steel posts shall be 14-gage galvanized steel
- 16-foot x 2" x 2" steel posts shall be 12-gage galvanized steel
- 3-foot x 2 1/4" x 2 1/4" steel winged anchor/base shall be 12-gage galvanized steel, wings placed 9-inches below the top of the anchor
- 42-inch x 2 1/4" x 2 1/4" steel anchor/base without wings shall be 12-gauge galvanized steel

The winged anchors shall be constructed by using a standard tubular anchor and welding metal triangular fins on each corner of the tubular base. The four triangular fins shall be approximately 10" long by 4" wide mounted at approximately 9" from the top of the anchor for the 3-foot anchors & 15" from the top of the 4-foot anchors. The anchors shall have a galvanized finish (not painted).

When the Metal Posts and Bases arrive at the County Yard, County personnel will check for galvanization, chromate conversion coating and crosslinked polyurethane acrylic exterior coating, hole size, hole spacing, wall thickness

tolerance, weight, and length. All deliveries shall be made within “30” days upon receipt of any order. Deliveries shall be made before 2:00 P.M. (CST) on any weekday. All posts are to be delivered to the County Yard via flatbed truck.

McHenry County currently uses:

- 2” Xccessories Squared channel and post clamps

2” Sign Channel:

- Overall dimensions – 2” mounting surface x 7/8” depth x 1/8” nominal wall thickness 6061-T6 aluminum alloy. Material shall be delivered in 10’ lengths.
- 2” channel shall be Xccessories Squared ASB200 or equivalent

1-1/4” Sign Channel:

- Overall dimensions: 1-1/4” mounting, 6061-T6 aluminum alloy. Material shall be delivered in 10’ lengths.
- 2” channel shall be Xccessories Squared ASB125 or equivalent.

The quantities of the above items are listed in the Schedule of Prices. All deliveries shall be made within “30” days upon receipt of any order. Deliveries shall be made before 2:00 P.M. (CST) on any weekday

Group 3: ALUMINUM BLANKS

The sign blanks material shall conform to the section 1090 of IDOT’s Standard Specifications for Road and Bridge Construction (2016). **The sign blanks up to and including 9 square feet in area shall be type 1: 0.080+or- gauge sheet aluminum with a tolerance of +or-0.004. The sign blanks over 9 square feet in area shall be type 2: 0.0125+or- gauge sheet aluminum with a tolerance of +0.007.**

Any exceptions to the gage thickness of the blanks stated above shall be listed in the schedule of prices for a specific blank.

Domestic metal shall be used. All other blanks shall have 3/8-inch diameter mounting holes shall be drilled according to enclosed 11 diagrams except as noted on the diagram sheets. The supplier shall furnish a one square foot sample of the metal together with a certificate that the sign blanks are made from the same lot or heat number of metal represented by the sample. If more than one lot or heat number is involved, a one square foot sample shall be furnished for each lot or heat number.

All deliveries shall be made within “30” days upon receipt of any order. Deliveries shall be made before 2:00 P.M. (CST) on any weekday.

Group 4: SIGN MATERIAL ROLL GOODS

General. All reflective sign sheeting used for traffic control highway signs shall be **3M TCM sign material** and at a minimum meet the requirements of sections 1091 and 1092 of IDOT’s Standard Specifications for Road and Bridge Construction (2016).

The type of sheeting and quantities are listed in the schedule of prices. All roll goods supplied shall come with a clear plastic liner. Rolls of protective overlay film 1170 shall not have premask.

All deliveries shall be made within “30” days upon receipt of any order. Deliveries shall be made before 2:00 P.M. (CST) on any weekday.

Group 5: SIGN FACES

All sign faces (unless otherwise stated in the schedule of prices) shall come with Protective Overlay Film 1160 with premask applied to the sign face. This overlay film shall be incidental to the unit price for the sign faces listed in the Schedule of Prices.

No text (company initials, agency name, etc.) will be allowed on the front of the sign faces or in the borders, etc.

All deliveries shall be made within “30” days upon receipt of any order. Deliveries shall be made before 2:00 P.M. (CST) on any weekday.

Group 6: ROLL UP WARNING SIGN ASSEMBLIES

All roll up warning sign shall conform to the following specifications. The 48” x 48” roll up sign assemblies shall be composed of 3M Schotchlite Diamond Grade Fluorescent Orange reflective roll up sign material, fiberglass crossbracing (minimum 1¼” thickness), **NO WARNING FLAGS SHALL BE MOUNTED TO THE CROSSBRACING**. The roll up sign shall have a pocketing system to accept the crossbracing.

The various roll up sign bases shall conform to the following specifications. **All bases shall be Aluminum**. The Aluminum springless sign bases shall have 4 adjustable legs for varying terrain and the mounting bracket system for mounting the roll up sign to the base shall accept the pocketed system of the roll up sign assemblies listed above. Each sign base shall be accompanied by a sign stand bag/carrying case that shall be incidental to the unit price for the sign bases.

All roll up signs and sign bases shall be from the same manufacturer to ensure that the sign will fit into the sign base. **Roll up signs are required to fit into the sign base.**

Group 7: TRAFFIC CONTROL DEVICES

All Type I barricades shall conform Manual on Uniform Traffic Control Devices, Highway Standard 701901-08, **and the latest NCHRP 350 and AASHTO crash test performance requirements**. The sheeting on all barricades (Type I) listed in the Schedule of Prices shall be 3M-brand High Intensity Prismatic sheeting. **All Type I barricades shall be plastic and have the ability to fill the barricade with sand**. Plasticade or equivalent barricades meet these requirements. All Type I barricades shall be supplied to the County by the Vendor with one (1) L.E.D. flashing light each that can be mounted to the barricade. The L.E.D. flashing lights shall be a flasher having an easily accessible switch location and can switch from Type “A” to Type “C” operation with an off mode and be powered by D-cell batteries. The L.E.D. flashing lights supplied with the barricades shall be incidental to the unit price for the Barricades.

The orange cones supplied by the Vendor shall meet the following specifications. The orange cones shall be constructed from a flexible, rugged, and durable vinyl. The cones shall be 18” tall.

All deliveries shall be made within “30” days upon receipt of any order. Deliveries shall be made before 2:00 P.M. (CST) on any weekday.

Group 8: SIGN INSTALLATION TOOLS

Post pounder shall be a Skidril HP18 Hydraulic Post Driver or equivalent. The pounder shall include a remote valve for operation. It shall also include specified square and u-channel adaptors.

Group 9: SIGN MOUNTING HARDWARE

All steel bolts, nuts, and washers shall have USS finish and shall be grade 5. Domestic steel shall be used for sign mounting hardware. The quantities of the above items are listed in the Schedule of Prices.

All deliveries shall be made within “30” days upon receipt of any order. Deliveries shall be made before 2:00 P.M. (CST) on any weekday.

End of Specifications-Special Conditions

***REFER TO MANDATORY EXCEL BID PAGES 2-5 FOR PRICING
EXCEL BID PAGES MUST BE COMPLETED AND SUBMITTED
DO NOT PDF THE BID PAGES
EMAIL QUESTIONS***

REFER TO EXCEL SHEET WITH SIGN BLANK DIAGRAM (11 TABS)

REFER TO TELESCOPING STEEL SIGN SUPPORT DETAIL DOCUMENT

CHECKLIST:

9 Mandatory Pages ARE AS FOLLOWS:

- Cover page (1)
- Excel Bid pages (2-5)
- Reference page (6)
- Certification/Signature page (7)
- Status of Ownership form (8)
- Signed/Dated W9 (9)

REFERENCES

List three (3) references, other than The County of McHenry, that you have done similar work, service or supplied similar products to within the last twelve (12) months. **It is the bidder's responsibility to ensure references respond upon request. Email addresses are required.**

Entity: _____

Address: _____ City, State and Zip Code: _____

Telephone Number: _____ Contact Person _____

Email Address: _____

Entity: _____

Address: _____ City, State and Zip Code: _____

Telephone Number: _____ Contact Person _____

Email Address: _____

Entity: _____

Address: _____ City, State and Zip Code: _____

Telephone Number: _____ Contact Person _____

Email Address: _____

MANDATORY PAGE (7of9)
CERTIFICATONS and SIGNATURE PAGE

- I acknowledge to have read, understand, and agree to the **Bid or Request Documents** Provided for this Bid or Request as posted on McHenry County's Website Yes
- I acknowledge to have read, understand, and agree to the policies contained within the **McHenry County Purchase Ordinance**, amended June 1, 2021 Yes
- I acknowledge I have read, understand, and agree to the **Standard Terms and Conditions** provided for this Bid or Request as posted on McHenry County's website. Yes
- I acknowledge to have read, understand, and agree to all **Addenda** provided for this Bid or Request as posted on McHenry County's website. Yes
- Vendor certifies it has reviewed, completed & *submitted the* **Mandatory Page 8of9** *County of McHenry Status of Ownership Information* Yes
- I acknowledge there to be **NINE (9) Mandatory Pages, including the W-9 (9of9)** to be completed and/or submitted for my Bid or Submission to be considered. Yes
- Submitter certifies it has not been barred from contracting with a unit of State or Local Government because of a violation of Section 33E-3 or 33E-4 of the Criminal Code of 1961, as amended. Yes
- Vendor certifies it is aware that all contracts for the Construction of Public Works are subject to the **Illinois Prevailing Wage Act** (820 ILCS 130/1-12) and this Bid or Request Is Subject to, Is NOT Subject to the Illinois Prevailing Wage Act. Yes
- Vendor acknowledges this Bid or Request Is Subject to, Is NOT Subject to the **Employment of Illinois Workers in Public Works Act** (30 ILCS 570/3) and will comply with the requirements set forth in this Act. Yes
- I acknowledge this Bid or Request Requires, Does NOT Require a **Bid Bond** Yes
- In addition, under penalties of perjury, I certify that my correct **Federal Taxpayer Identification Number** is: _____

- I am doing business as a (please indicate one): Sole Proprietorship
 Corporation: State of Incorporation: _____
 Partnership
 Other _____

I have carefully examined the Bid or Request, Scope of Work, Specifications, and any other documents accompanying or made a part of this Request. I certify I am duly authorized to submit on behalf of the firm, and the firm is ready, willing, and able to perform if awarded the contract. I further certify, under oath, this proposal is made without prior understanding, agreement, connection, discussion, or collusion with any other person, firm or corporation submitting a proposal for the same product or service.

Individual/Company/Corporation: _____

Business Address: _____ City, State and Zip Code: _____

Printed Name and Title: _____

Signature: _____ **Date:** _____

Telephone Number: _____ Email: _____

Witness Name & Title: _____ **Witness Signature:** _____

End of Document