



SEDGWICK COUNTY, KANSAS
DIVISION OF FINANCE
PURCHASING DEPARTMENT
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<http://sedgwickcounty.org/finance/purchasing.asp>

REQUEST FOR BID
#14-0092
TELESCOPING STEEL SIGN POST SYSTEM
ADDENDUM #1

September 12, 2014

The following is to ensure that vendors have complete information prior to submitting a bid. Here are some clarifications regarding the solicitation for the Telescoping Steel Sign Post System for Sedgwick County.

Questions and/or statements of clarification are in **bold** font, answers to specific questions are *italicized*.

- 1. Are there any photos, diagrams, additional specs or manufacturer part numbers for the sign stands in this RFQ?**
Please see the following pages for specs.
- 2. Will there be multiple awards made for this RFQ?**
Sedgwick County's intent is to award to one vendor, but we reserve the right to award to multiple vendors.
- 3. Will all of the items be purchased at one time?**
No, we will purchase throughout the life of the contract.

All addenda will be posted to the Sedgwick County Purchasing website, <http://sedgwickcounty.org/finance/purchasing.asp>, no later than the date and time posted on the request for proposal document. **Vendors are responsible for checking the website and acknowledging any addendum on the bid response form.**

Kara Kingsley
Kara Kingsley
Purchasing Agent

SPECIAL PROVISION

TELESCOPING STEEL SIGN POST SYSTEM

1.0 **DESCRIPTION:** This specification describes the minimum requirements and physical properties for a telescoping steel sign post system.

BID ITEMS:

Telescoping Steel Sign Post (*)
Anchor (*)
Anchor Sleeve (*)
Corner Bolt (#)
Jam Nut (+)
Drive Rivet (#)
Cherry Rivet (#)

* Width (in.) x Depth (in.) x Length (ft.)
Diameter (in.) x Length (in.)
+ Diameter (in.)

2.0 **MATERIALS:** Steel posts, anchors and sleeves shall conform to the standard specifications for cold rolled carbon sheet steel, commercial quality, ASTM A-446, Grade A. Bolts, nuts and rivets shall meet post manufacturer's requirements for proper operation of the break away system.

3.0 **PHYSICAL PROPERTIES:**

3.1 **Yield Strength:** All posts, anchors and sleeves shall carry a minimum 52,000 psi yield strength. Independent certification may be required at manufacturer's expense.

3.2 **Finish:** All posts, anchors and sleeves shall be manufactured from hot dipped galvanized steel with 1.25 ounces coating conforming to ASTM A-525, also referred to as G-90. Corner welds shall be zinc coated after scarfing operation. Both interior and exterior of the posts, anchors and sleeves shall be galvanized.

3.3 **Break Away Function:** All posts must be capable of fracturing at the point of connection with the anchor, when impacted, in such a manner that the piece inside the anchor can be removed so as to allow the anchor to receive a new post.

3.4 **Shape:** The cross-section of the post, anchor and sleeve shall be square tube formed of 12 gauge (.105" USS gauge) steel, carefully rolled to size and shall be welded in/at one corner by high frequency resistance welding and externally scarfed to agree with corner radii. Tolerances,

as listed in section 3.6 of this specification, shall allow telescoping of all consecutive sizes of tubing freely, and for not less than ten feet of their length without the necessity of matching any particular face to any other face. Tube ends shall be free from burrs, and they shall be cut square. Welding flash on inside corner of tube shall be controlled to permit a $\frac{9}{64}$ " radius gauge to be placed in the corner.

3.5 Section Properties:

Tubing for Posts, Anchors and Sleeves

O.D.*Ga./Nom. Size - in.	Radius Wall Thickness - in.	Corner Weight in.	Area lbs/ft	Moment of Inertia A - in ²	Modulus I - in ⁴	Section of Gyration S - in ³	Radius R - in.
1 $\frac{1}{2}$ X 1 $\frac{1}{2}$	12/0.105	0.156	1.702	0.380	0.129	0.172	0.582
1 $\frac{3}{4}$ X 1 $\frac{3}{4}$	12/0.105	0.156	2.060	0.485	0.231	0.264	0.690
2 X 2	12/0/105	0.156	2.416	0.590	0.372	0.372	0.794
2 $\frac{1}{4}$ X 2 $\frac{1}{4}$	12/0/105	0.156	2.773	0.695	0.561	0.499	0.898
2 $\frac{1}{2}$ X 2 $\frac{1}{2}$	12/0.105	0.156	3.141	0.803	0.804	0.643	1.001

* Measurements for outside dimensions shall be made at least 2" from end of tube.

3.6 Tolerances:

Tubing for Posts, Anchors and Sleeves

O.D.*@ Size - in.	O.D. Thickness in.	Wall Concavity in.	Convexity/ of Sides in.	Squareness Twist in 3' in.	Permissible Variation in 3' in.	Straightness in. Radius	O.D. Corner in.
1 $\frac{1}{2}$ X 1 $\frac{1}{2}$	± 0.006	+0.011/-0.008	0.010	± 0.009	0.050	0.0625	0.016
1 $\frac{3}{4}$ X 1 $\frac{3}{4}$	± 0.008	+0.011/-0.008	0.010	± 0.010	0.050	0.0625	0.016
2 X 2	± 0.008	+0.011/-0.008	0.010	± 0.012	0.050	0.0625	0.016
2 $\frac{1}{4}$ X 2 $\frac{1}{4}$	± 0.010	+0.011/-0.008	0.010	± 0.014	0.050	0.0625	0.016
2 $\frac{1}{2}$ X 2 $\frac{1}{2}$	± 0.010	+0.011/-0.008	0.010	± 0.015	0.050	0.0625	0.016

* Measurements for outside dimensions shall be made at least 2" from end of tube.

3.7 Holes: Holes shall be $\frac{7}{16}$ " \pm $\frac{1}{64}$ " diameter on one (1) inch centers, on all four sides for the entire length of the tubing. Holes shall be on centerline of each side in true alignment and opposite to each other directly diagonally. No knockouts shall be allowed. Holes shall be free from burrs.

3.7 Length: The length of each post, anchor and sleeve shall be as specified and have a permissible length tolerance of \pm $\frac{1}{4}$ ".

4.0 **INSTALLATION:** The square end of the tube shall not be modified or pointed, but shall be capable of being driven into the ground via an approved driving method.

5.0 **BASIS OF ACCEPTANCE:** Acceptance of material furnished under this specification will be based on the following: (1) a certification prepared by the manufacturer showing that test value limits are within ASTM allowances, and (2) a visual inspection upon delivery for condition and conformance with dimensional and other requirements.

6.0 **DELIVERY:** Delivery of the items in this order are essential for the Bureau of Public Services to provide services to the citizens of Sedgwick County, Kansas. Time is of the essence in the performance hereof. Delivery of this order shall be made within 30 calendar days after receipt of order. Supplier acknowledges that damages would be difficult or impossible to predict in the event of default and, therefore, that for each calendar day that this order shall be overdue, \$75.00 per day shall be assessed as liquidated damages and not as a penalty.

7.0 **BASIS OF PAYMENT:** Payment for all items shall be made at the contract unit price bid per each post, anchor, sleeve or accessory unit delivered less any applicable liquidated damages.