

## ATTACHMENT A

### SOLICITATION NO. 0900000500

#### **SW0675: Vinyl Roll-Up Sign Traffic Stands for Compact Portable Sign Support, Rigid Sign Support, and Barrier Mount Sign Stand**

This Solicitation is a Contract Document and is a request for proposal in connection with the Contract awarded by the Office of Management and Enterprise Services as more particularly described below. Any defined term used herein but not defined herein shall have the meaning ascribed in the General Terms or other Contract Document.

#### **Purpose**

This Contract is awarded as a Statewide contract for Vinyl Roll-Up Sign Traffic Stands for Compact Portable Sign Support, Rigid Sign Support, and Barrier Mount Sign Stand which all State agencies, cities, counties, school districts, and other municipalities may utilize.

#### **1. Contract Term and Renewal Options**

The initial Contract term, which begins on the effective date of the Contract, is one year and there are one (1) one-year options to renew the Contract.

#### **2. Contract Specifications**

A). Certain Contract requirements and terms are attached hereto as **Exhibit 1 (pricing submittal)** and incorporated herein

B). Contract Specifications are set forth below. **(Please see the next pages for specifications)**

### **C.3. Technical Requirements for Portable Sign Stands**

#### **C.3.1. COMPACT SIGN STAND**

- C.3.1.1. Bidders will be required to provide a sample sign support prior to award of the contract to the Department of Transportation to determine suitability according to the specifications. The burden-of-proof shall be solely upon the vendor to provide to the satisfaction of the State that their model truly is an “approved equal”. The State shall be the final judge of whether another sign stand qualifies as an “approved equal”.
- C.3.1.2. All compact, portable sign support stands to be provided under this contract shall comply with the Manual on Uniform Traffic Control Devices (MUTCD) (Latest Edition), weigh less than 25 pounds and securely hold upright by a positive lock universal clamping device, roll-up signs up to 48 inches. All major parts shall be manufactured of corrosion resistant materials. All support plates and hardware not constructed of corrosion resistant materials must have a high quality, bonded corrosion resistant coating such as corrosion resistant lead-free paint, powder coating, or electro-deposit zinc plating. All materials shall be first run quality and have no defects or sharp edges.
- C.3.1.3. Minimum size of footprint on ground with telescoping legs fully extended is to be approximately 52” x 90”.
- C.3.1.4. Minimum height from ground to bottom corner of sign shall be 18” with legs pin-locked down and lying flat on the ground with legs either extended or telescoped.
- C.3.1.5. Maximum standard height from ground to bottom corner of sign shall be approximately 21” with legs locked and lying flat on the ground with legs either extended or telescoped.
- C.3.1.6. Telescoping legs shall be constructed of ASTM 6000 series square aluminum tubing with a minimum thickness of 0.100 inches. The outer legs shall be 1” square. The inner leg shall be 1” square with skid resistant end caps fastened to one end with two (2) rivets, each. The inner leg will have a positive locking device when in the fully extended position.
- C.3.1.7. The latch bracket assembly for attaching the sign stand to the vertical rib of the 48” x 48” roll up signs shall be a universal attachment, such as a clamping device, capable of holding the signs currently owned by the Oklahoma DOT. The system shall not rely on any separate tools to complete the attachment.
- C.3.1.8. The stand shall have telescoping fold up legs. When open, legs shall be independently adjustable for uneven terrain. Legs shall have lever actuated spring-loaded releases that can be opened with foot action from a standing position to allow for quick set-up/take down. Mechanism will allow the legs to be pivoted from the storage position to either of the two use positions.
- C.3.1.9. The stand assembly shall consist of a not-fatiguing, wind relieving steel spring(s) mechanism for mast deflection. The mast shall not deflect more than 45 degrees. The stand shall also include an anti-rotation feature to minimize twisting of the mast and sign in wind speed of 65 MPH and traffic speed of 70 MPH.
- C.3.1.10. Warranty - Sign stand shall have a minimum five (5) year warranty against defective workmanship and material.
- C.3.1.11. Acceptance - The compact sign stand shall be a Dicke Tool Dynaflex DF3003W with 45 degree stop (DF3003W-45) or approved equal. One compact sign stand shall be submitted to the Oklahoma

Department of Transportation for review and compliance with the specification prior to award and shipment of the order.

- C.3.1.12. The delivered I stand shall be complete and ready for use, with no need for modifying the device any way. For shipping purposes, minor disassembly is acceptable, so long as all holes are already pre-drilled, and all fasteners are included. All fasteners shall be English, i.e., not metric.
- C.3.1.13. The sign stands shall be Dicke Tool's Dynaflex DF3003W-45 or approved equal. Those vendors desiring to utilize an "approved equal" to satisfy this contract shall submit their specifications with their bid, for the STATE's review. The burden-of-proof shall be solely upon the vendor to prove to the satisfaction of the STATE that his/her proposed model truly is an equal to the Dynaflex DF3003W-45. The STATE shall be the final judge of whether another sign stand qualifies as an "approved equal"

### **C.3.2. HEAVY DUTY SIGN STAND (Rigid sign Support Stands)**

- C.3.2.1. Each sign support shall consist of four (4) telescoping legs constructed of ASTM 6000 series square aluminum tubing with a thickness of 0.100 inches. The outer legs shall be 1 1/4" square and the inner legs 1" square with skid resistant end caps fastened to one end with two (2) rivets each. The telescoping section shall be able to lock in the extended position by means of a spring-loaded push button. Minimum size of footprint on ground with telescoping legs fully extended is to be approximately 52: x 90". When in the displayed position legs shall be independently adjustable for uneven terrain. Legs shall have lever actuated spring-loaded releases that can be opened with front action from a standing position and allow for quick set-up/take down.
- C.3.2.2. Sign stand is to weigh no more than 34 lbs.
- C.3.3. The upright shall telescope to the required work height and shall be attached to the base with dual heavy-duty upright coil springs. The device shall be a self-contained unit, not requiring any special disassembly for normal "takes down" after use, beyond pulling out hitch pins to allow the upright to telescope down.
- C.3.4. At least two (2) mounting brackets for rigid metal signs.
- C.3.5. Flag holder 2/ flag lock, and one set-of three warning flag.
- C.3.6. Minimum height from ground to bottom corner of the sign shall be 18" with the legs locked down and lying flat on the ground.
- C.3.7. The telescoping mast shall have a spring-button locking mechanism, which secures to mast in the display position. Total mast length in the displayed position shall be a minimum of 82".
- C.3.8. Bracket shall be adjustable up and down the mast and be easily tightened to secure the bracket at the proper mounting height via a thumbscrew. The sign shall be mounted to the bracket by the horizontal rib. The rib is secured in the bracket slot and locked in place by a spring activated pull release lever.
- C.3.9. The stand shall have independently adjustable legs for uneven terrain, minimum of two (2) positions per leg. Legs shall have lever actuated spring-loaded releases that can be opened with foot action from a standing position to allow for quick set-up and take down.
- C.3.10. The mast shall be allowed to pivot or flex in only one direction, front to back, and shall not be capable of deflecting any more than 45 degrees. The mast shall also include an anti-rotation feature to minimize twisting and ensuring the sign faces traffic at all times.
- C.3.11. The sign stand shall have a minimum five (5) year warranty against defective workmanship and material.

- C.3.12. Sub-component replacement parts shall be available for purchase and shall be field-replaceable with basic hand tools (English, not metric).
- C.3.13. The delivered sign stand shall be complete and ready for use, with no need for modifying the device in any way. For shipping purposes, minor disassembly is acceptable, so long as all holes are already pre-drilled, and all fasteners are included. All fasteners shall be English, i.e., not metric.
- C.3.14. The Heavy-Duty Sign Stand shall be a Dicke Tool's Dynaflex DF4000 with a 45 degree stop (DF4000-45) or approved equal. Those vendors desiring to utilize an "approved equal" to satisfy this contract shall submit their specifications with their bid, for the STATE's review. The burden-of-proof shall be solely upon the vendor to prove to the satisfaction of the STATE that his/her proposed model truly is an equal to the DF4000W-45. The STATE shall be the final judge of whether another sign stand qualifies as an "approved equal".

#### **C.4. BARRIER MOUNT SIGN STAND**

- C.4.1. This stand will allow the attachment of the signs included in this specification to the top of a concrete median barrier through the means of a clamping device. The width of wall to be attached to varies from 5" to 12".
- C.4.2. Stand will be constructed of either painted (lead free) or zinc coated steel.
- C.4.3. Adapter to attach to signs to this stand shall be included with the stand.
- C.4.4. The Barrier Mount Sign Stand will be a JRB 1A or approved equal. Those vendors desiring to utilize an "approved equal" to satisfy this contract shall submit their specification with their bid, for the STATE's review. The burden-of-proof shall be solely upon the vendor to prove to the satisfaction of the STATE that his/her proposed model truly is an equal to the JRB 1A. The STATE shall be the final judge of whether another sign stand qualifies as an "approved equal"