



# Request for Quote

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
 CAPITOL HILL  
 PROVIDENCE RI 02908

BUYER: Miller, Alma E  
 PHONE #: 401-222-2142

CREATION DATE : 14-NOV-06  
 BID NUMBER: 7002635,2  
 TITLE: U-CHANNEL GALVANIZED BREAK-AWAY SETS  
 BLANKET START : 15-NOV-06  
 BLANKET END : 31-OCT-07  
 BID CLOSING DATE AND TIME:  
 04-DEC-2006 10:45:00

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 DOT MAINTENANCE DIVISION  
 MAIN OFFICE  
 360 LINCOLN AVE  
 WARWICK, RI 02888  
 US

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 DOT MAINTENANCE BUSINESS OFFICE  
 360 LINCOLN AVE  
 WARWICK, RI 02888  
 US

Requisition Number: 1016276

Line	Description	Quantity	Unit	Unit Price	Total
	Note to Bidders: BLANKET PERIOD: 11/11/06-10/31/07  FOR THE PURCHASE OF U-CHANNEL GALVANIZED BREAK-AWAY SETS NEEDED FOR STATEWIDE HIGHWAY SIGN ERECTIONS.  CONTACT PERSON: PAUL VARTIAN (401) 222-2378				
1	DOT; U-CHANNEL GALVANIZED BREAKAWAY SETS: LAP SPLICE - 4 LB. X 8'6"	750	Each		
2	DOT; U-CHANNEL GALVANIZED BREAKAWAY SETS: LAP SPLICE - 4 LB. X 9'6"	1200	Each		
3	DOT; U-CHANNEL GALVANIZED BREAKAWAY SETS: LAP SPLICE - 4 LB. X 10'	1200	Each		
4	DOT; U-CHANNEL GALVANIZED BREAKAWAY SETS: LAP SPLICE - 4 LB. X 11'	500	Each		
5	DOT; U-CHANNEL GALVANIZED BREAKAWAY SETS: RIB BAK - 2 LB. X 8' BACK BRACE	500	Each		
6	DOT; U-CHANNEL GALVANIZED BREAKAWAY SETS: SPACE BAR KIT - GOLD (BASE-BOLTED HARDWARE KIT) 50/BOX	5000	Box		
7	DOT; U-CHANNEL GALVANIZED BREAKAWAY SETS: LAP SPLICE - 3 LB. X 8.5'	1000	Each		

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer

## Contract Terms and Conditions

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## **Terms and Conditions**

### **BID STANDARD TERMS AND CONDITIONS**

#### **RIVIP INFO - BID SUBMISSION REQUIREMENTS**

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#### **PURCHASE AGREEMENT BID**

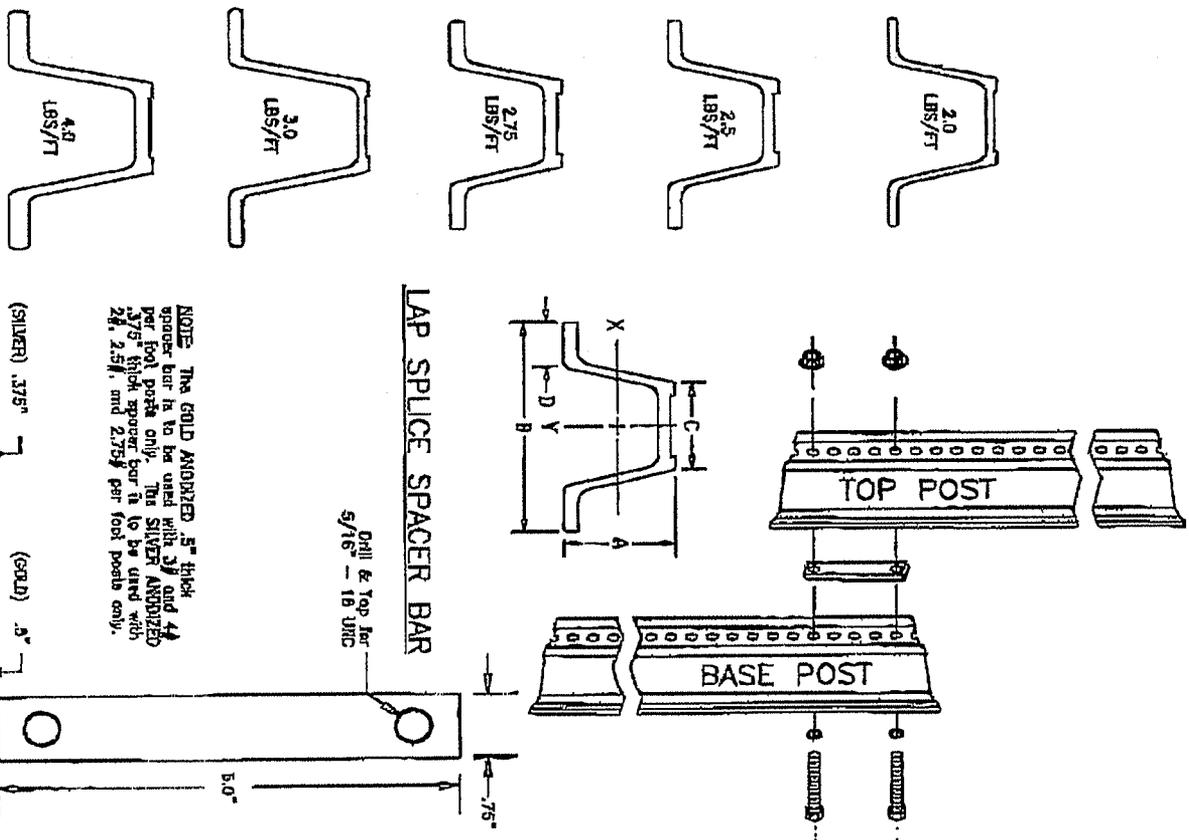
**BIDDING** (a) A single price shall be quoted for each item against which a proposal is submitted. This price will be the maximum in effect during the agreement period. Any price decline at the manufacturer's level shall be reflected in a reduction of the agreement price to the State. (b) Quantities, if any, are estimated only. The agreement shall cover the actual quantities ordering during the period. Deliveries will be billed at the single, firm, awarded unit price quoted regardless of the quantities ordered. (c) Bid price is net F.O.B. destination and shall include inside delivery at no extra cost. (d) Bids for single items and/or a small percentage of total items listed, may, at the State's sole option, be rejected as being non-responsive to the intent of this request. **ORDERING** (a) The User Agency(s) will submit individual orders for the various items and various quantities as may be required during the agreement period. (b) Exception - Regardless of any agreement resulting from this bid, the State reserves the right to solicit prices separately for any extra large requirements for delivery to specific destinations.

#### **FISCAL YEAR - AWARD EXTENDING PAST FISCAL YR END**

AWARDS EXTENDING BEYOND JUNE 30TH ARE SUBJECT TO AVAILABILITY OF FUNDS. CONTINUATION OF THE CONTRACT BEYOND THE INITIAL FISCAL YEAR WILL BE AT THE DISCRETION OF THE STATE. TERMINATION MAY BE EFFECTED BY THE STATE BASED UPON DETERMINING FACTORS SUCH AS UNSATISFACTORY PERFORMANCE OR THE DETERMINATION BY THE STATE TO DISCONTINUE THE GOODS/SERVICES, OR TO REVISE THE SCOPE AND NEED FOR THE TYPE OF GOODS/SERVICES; ALSO MANAGEMENT OWNER DETERMINATIONS THAT MAY PRECLUDE THE NEED FOR GOODS/SERVICES.

#### **DELIVERY PER AGENCY**

DELIVERY OF GOODS OR SERVICES AS REQUESTED BY AGENCY.



NOTE: The GOLD ANODIZED .5\"/>

(SILVER) .375\"/>

(GOLD) .5\"/>

**SPECIFICATIONS**

**DESIGN**

A ground mineral transformer post that incorporates Rib-Bak U-Diameter posts applied at ground level by means of special self-applied hardware.

**MATERIAL AND FINISH**

Rib-Bak U-Diameter posts shall be fabricated from hot rolled carbon steel bars conforming to the requirements of AISC 360-05 (minimum). Posts shall be 100,000 PSI (minimum). The steel shall be 60,000 PSI (minimum). Posts shall be 100,000 PSI (minimum). The steel shall be 60,000 PSI (minimum).

Element	Composition (Percent)
Carbon	0.57 - 0.92
Manganese	0.70 - 1.10
Phosphorus Max	.04
Sulfur Max	.05
Silicon	.10 - .25

Posts shall be a uniform, modified, tapered diameter section of the Rib-Bak design. Weight of the posts shall be as specified by the user. The posts shall be fabricated from hot rolled carbon steel bars conforming to the requirements of AISC 360-05 (minimum). The steel shall be 100,000 PSI (minimum). The steel shall be 60,000 PSI (minimum).

The system shall consist of two posts, a top post and a base post. The top post length shall be specified in 1/2\"/>

Posts shall be galvanized after fabrication in accordance with the requirements of ASTM A 123. Posts, nuts, washers and spacers shall be cadmium plated in accordance with the requirements of ASTM A 163 or zinc plated in accordance with the requirements of ASTM B 633.

Splice hardware shall consist of two fully threaded, 5/16\"/>

**SECTION PROPERTIES**

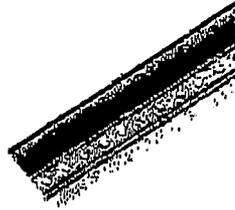
WEIGHT lbs/ft	DIMENSIONS			AREA		X-X AXIS		Y-Y AXIS	
	in	in	in	(IN <sup>2</sup> )					
2.00	1.482	3.082	1.378	.658	.188	.492	.278	.492	.278
2.50	1.815	3.052	1.278	.658	.208	.492	.298	.492	.298
2.75	1.838	3.052	1.278	.658	.228	.470	.318	.470	.318
3.00	1.851	3.500	1.336	.834	.248	.340	.337	.340	.337
4.00	1.868	3.200	1.336	.834	.340	.487	.433	.487	.433

\* 4, 0' - 6'

Intended Use

Breakaway Small Sign Supports

## **Rib-Bak™ U-Channel**



Specifications, Windload Charts & Installation Instructions

### **Engineered for Strength**

Rib-Bak™ sign supports are engineered with a patented ribbed back design - adding strength to crucial load-bearing points. This added strength along with the SP-80 steel enables Rib-Bak to handle more signage than any other rerolled rail steel u-channel post - saving you money.

### **100% Recycled Steel**

Rib-Bak™ is manufactured, top to bottom from the finest high-carbon new billet steel (Grade SP-80: 80,000 PSI min. yield 100,000 PSI min. tensile).

Rib-Bak steel conforms to the mechanical requirements of ASTM A-499 and the chemical requirements of ASTM A-1.

Other u-channel manufacturers reuse rail steel of domestic and foreign origin.

### **Fast, Easy Installation**

Regardless of the method you chose, Rib-Bak™ installation is quick, easy and inexpensive.

- » Installs in minutes (requiring only one trained installer)
- » No post hole digging required, posts are driven into the soil
- » Easily driven with conventional tools
- » Tapered ends upon request

### **Secure Contact Points**

Rib-Bak™ contact points are flush surfaces, providing solid, more permanent sign attachment. And no drilling is ever necessary. Rib-Bak comes with 3/8" holes on 1" centers (other hole sizes and spacing available by request).

### **Colors & Finishes**

Rib-Bak™ sign supports are available in green and black (Other colors by request), with your choice of finishes:

- » Baked-On Enamel
- » Hot-Dipped Galvanizing (ASTM A-123)
- » Polyester Powder Coated

### **Certifications**

<http://www.marionsteel.com/03ribbak.htm>

10/22/2003

Federal Highway Administration (FHWA) has approved Rib-Bak™ for small sign support applications under NCHRP-350 criteria. Note: Three - 3lbs./ft. supports and all 4lbs./ft. installations must utilize breakaway hardware.

### **Breakaway Systems**

Marion Steel offers two u-channel breakaway systems for use in conjunction with the Rib-Bak™: Lap-Splice™ and the Slip-Safe™ slip base.