

## **PART 1: GENERAL**

### **1.1 Summary**

This section includes written specifications for the HR100, HR101, HR126, HR128 Series Hoop Runner bicycle racks.

### **1.2 Quality Assurance**

A. Manufacturer Qualifications:

1. A manufacturer experienced in manufacturing and producing commercial bicycle parking racks similar to the desired specification described for this project and with a record or successful in-service performance.
2. Product Options: The manufacturer will be able to produce several finish and color options, and types of the bicycle racks from a single source or from resources able to provide product options of like quality in both form and function.
3. Manufacturer Service Options: The manufacturer will be able to present product specific drawings of the bicycle racks size, shape, dimensional requirements, and weight.

B. Installer Qualifications: Experienced installer has completed installation of bicycle racks similar in specifications and to the extent indicated for this project.

### **1.3 Submittals**

- A. Product Information: Must contain physical descriptions such as bicycle parking capacity, dimensions, shape, installation hardware requirements, and finish options for each bike rack.
- B. Installation Drawings and/or Installation Video: Details installation instruction for the designated bicycle rack. Drawing packages and submittals can be supplied by Ground Control Systems.
- C. Assembly Instructions: For the HR100, HR101, HR126, HR128 Series Hoop Runner bicycle racks.
- D. Product Verification: Able to submit finish samples for review and verification upon request.
- E. Manufacturer's Project References: Able to provide a minimum of three references for whom the firm provided similar or comparable services during the last 5 years and a description of the services provided.
- F. Warranty: Submit manufacturer's standard warranty.

### **1.4 Delivery, Storage, and Handling**

- A. Delivery: In order to ensure shipments are received undamaged, a thorough inspection must be performed and noted on the B.O.L. upon receipt of shipment.
- B. Storage: Bicycle racks and components should be stored in their original packages or containers until they are ready for installation.
- C. Handling: Before and up to installation, bicycle racks should be handled with sufficient care in order to prevent any finish damage.

### **1.5 Warranty**

Manufacturer's Warranty: Bicycle racks carry a one year limited warranty against defects in materials and workmanship beginning on the date they received.

## PART 2: PRODUCTS

### 2.1 Manufacturer

Provided bicycle racks designed by Ground Control Systems®, 708 Alhambra Blvd, Suite 200, Sacramento, CA, 95816, 1-800-630-7225, Fax: 1-866-532-9049, Website: [www.groundcontrolsystems.com](http://www.groundcontrolsystems.com).

### 2.2 Materials

- A. Steel: HSS 2" square pipe
- B. In-ground Mount: is embedded into concrete base. Two 3" x 5½" x .31" each with two ½" square mounting holes.
- C. Rail Racks: are bolted to two parallel rails. Racks can be left free standing or anchored to the ground.

### 2.3 Finishes

- A. DuraPlas®
- B. Galvanized

### 2.4 Space Use

- A. Hoop Runner 100 Series Setbacks:
  - 1. Wall setback: For racks set parallel to the wall, a minimum of 24" should be left between the wall and the rack. 36" is the recommended setback. For racks installed perpendicular to the wall, a 34" setback is the minimum distance. 42" is the recommended.
  - 2. Distance between racks: 24" is the minimum distance between racks. 36" is recommended.
  - 3. Street setback: 24" is the minimum distance between the street and the rack. 36" is recommended.
- B. Rail Mounted:
  - 1. Rail mounted racks have rails attached with bolts to the rail in the configurations from 3 to 4 racks.
  - 2. Rail mounted racks can be left either freestanding or can be anchored to the ground using several anchors.
  - 3. Advantages to rail mounted racks are:
    - a. Easier and inexpensive installation
    - b. Can be left freestanding or anchored to the ground
    - c. Can be easily removed
  - 4. Rail racks are commonly used where snow removal/sweeping is an issue, or when no suitable base material is available.

### 2.5 Product Details

- A. Hoop Runner 100 Series:
  - 1. HR100: 2 bike, 1.9" round tube - in ground mount
  - 2. HR101: 2 bike, 1.9" round tube - surface mount
  - 3. HR126: 6 bike, 1.9" round tube - rail mount
  - 4. HR128: 8 bike, 1.9" round tube - rail mount

## PART 3: EXECUTION

### 3.1 Examination

Examine footprint to ensure conditions are adequate for installation. Do not proceed with installation if conditions are not adequate for installation. Notify the project manager if conditions are unsatisfactory.

### 3.2 Preparation

Make sure the location of the bike racks is flat, level, square, accurate for alignment, and correctly located for the installation of the bike racks. Shimming may be necessary for tapered and uneven grades.

### 3.3 Installation

- A. In Ground Installation: Bicycle rack is embedded into concrete base with provided anchor rods.
- B. Surface or Flange Mount: An above ground mount that is anchored to the material through the product specific flange plate.
- C. Rail Mounted: Inverted-U racks are anchored to rails to produce a free standing unit that can hold either 6 or 8 bicycles.

### 3.4 Quoting

- A. Product Specification: Make sure the product item, finish options, installation hardware, fasteners, and expected lead time have been included in the estimate.
- B. Product Pricing: Quotes are in US Dollars and valid for 90 days.
- C. Product Pricing: Quotes for Special Orders are valid for 30 days. (Special orders are purchases containing non-stocking products, custom colors, or quantities higher than what is typically on hand.
- D. Shipping Pricing: Shipping Quotes are estimates and only good for 30 days - cost may fluctuate up to 25%.

### 3.5 Freight

- A. 100 Series Hoop Runner bicycle racks can be shipped UPS and in some cases freight LTL, depending on quantity on order. Call Ground Control Systems at 1-800-630-7225 for a formal quote.
- B. Shipment Pricing: Estimates are good for 30 days; contact a Ground Control Systems representative for a current price list.

### 3.6 Purchasing

- A. Product specification: Make sure the product item, finish options, fasteners, and expected lead time have been included in the estimate.
- B. Pricing: Estimates are good for 90 days (30 days for special orders); contact a Ground Control Systems representative for a current price list if the estimate has expired.
- C. Shipping Pricing: Shipping Quotes are estimates and only good for 30 days - cost may fluctuate 25%.
- D. Placing an order: You can order via phone 1-800-630-7225; Fax 1-866-532-9049; Email - [info@groundcontrolsystems.com](mailto:info@groundcontrolsystems.com). Or, if submitting purchase orders, mail to: 708 Alhambra Blvd, Suite 200, Sacramento, CA, 95816.