PART 1: GENERAL

1.1 Summary

Section includes written specifications for the On-Ramp Bicycle Share Dock (K1).

1.2 Quality Assurance

A. Manufacturer Qualifications:
   1. A manufacturer experienced in manufacturing and producing commercial bicycle parking docks 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, shapes and types of 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 inspecifications 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, setback requirements and spacing and finish options for each bicycle dock.

B. Installation Drawings and/or Installation Video: Details installation instruction for the designated bicycle dock. Drawing packages and submittals can be supplied by Ground Control.

C. Product Assembly Instructions

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 made and noted on the B.O.L. on the receipt of delivery.

B. Storage: Bicycle docks should be stored in their original packages or containers until they are ready for installation.

C. Handling: Before and up to installation, bicycle docks should be handled with sufficient care in order to prevent any finish damage.

1.5 Warranty

A. Manufacturer’s Warranty: Bicycle docks carry a one year limited warranty against defects in materials and workmanship beginning on the date they are received.
PART 2: PRODUCTS

2.1 Manufacturer
Provided bicycle docks manufactured 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

2.2 Materials
A. Steel: Stainless 304

ASTM A53 Steel for all pipe

B. Smart Guards: Two cushioned black injection molded urethane Smart Guards that attach to the Locking Loops (wings) for extra protection for bikes against paint damage from the metal dock.

2.3 Finishes
A. RAL9007 - Complete with OBAMA 1181581 – 2 niner UV B. Clear Coat

2.4 Varsity Bike Dock Series Footprint
A. Setbacks:
1. Front of dock to wall Setback: minimum 10" perpendicular to the center base plate. Minimum 18" diagonal 30°. Minimum 15" diagonal 30° to right entry configurations. Minimum 18" diagonal 30° to left hand entry configurations.
2. Racks parallel to a side wall: minimum 24” from center base plate.
3. Distance between racks: minimum 21” center to center. Recommended 24”
4. Parallel to street: minimum 18” from curb.
5. Perpendicular to street: minimum 38” from curb where vehicle parking is present. 18” where vehicle parking is not permitted.
6. The surface mounted K1 Bike Dock is installed onto a concrete base with two 3/8” anchors. Contact Ground Control for desired length (3 ¾” minimum).

B. Rail Docks:
1. Rail-mounted racks have the docks attached to the rail using bolts and are pre-configured multiple racks on one rail.
2. Rail-mounted racks can be either freestanding or can be attached to the ground using several wedge anchors.
3. The advantages to rail-mounted or freestanding racks are:
   a. Easier and inexpensive installation
   b. Can be left freestanding or attached to the ground
   c. Can be easily removed
4. Free standing rail racks are commonly used where snow removal/sweeping is an issue, or when no suitable base material is available.

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2.5 Product Details
A. K1: 1 bike capacity, right or left entry, surface mounted
B. K1: 1 bike capacity, right or left entry, in ground mount
C. Steel formed wheel pocket: index front or rear wheel in a well
D. 14” inch containment space
E. Locking Loop - resists cutting, rusting, and bending or deformation
F. Angled stem for space efficiency and the prevention of overlapping handlebars

PART 3: EXECUTION
3.1 Examination
Examine footprint and setbacks to ensure conditions are adequate for installation. Do not proceed with installation if conditions are not adequate for install. Notify project architect if conditions are unsatisfactory.

3.2 Preparation
Make sure the location of the rack is flat, level, square, accurate for alignment, and correctly located for installation of bicycle docks.

3.3 Installation
A. In Ground Installation: Bicycle rack is embedded into a concrete base. 8” diameter x 12” depth.
B. Surface or Flange Mount: An above ground mount that is attached to the base material through the product specific flange plate and anchors.
C. Rail Mounted: K1 Bike Dock is attached to rails to produce a free standing unit that can hold multiple bikes as a single sided unit.

3.4 Quoting
A. Product Specification: Make sure the product item, finish options, fasteners, and expected lead time have been included in estimate.

B. Pricing: Estimates are good for 45 days; contact a Ground Control representative for a current price list.

3.5 Freight
K1 Bike Docks can be shipped UPS, and in some cases ship freight (LTL), dependent on quantity order. Call Ground Control at 1-800-630-7225 for freight quotes.

3.6 Purchasing
A. Product specification: Make sure the product item, finish options, fasteners, and expected lead time have been included in estimate.

B. Pricing: Estimates are good for 45 days; contact a Ground Control representative for a current price list if estimate has expired.

C. Placing an order: You can order via phone 1-800-630-7225; Fax: 1-866-532-9049; email - info@groundcontrolsystems.com. Or, if submitting purchase orders, mail to: 708 Alhambra Blvd, Suite 200. Sacramento, CA 95816.