



Potomac and Rappahannock Transportation Commission

Invitation to Bid #07-04

**ADDENDUM #1  
ISSUED  
April 5, 2007**

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**Project Description:**  
Two Position Bicycle Racks

**IFB:** #07-04  
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**IFB Issue Date:** March 19, 2007

**Proposal Due Date:** April 18, 2007, 3:00 p.m. EDT

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**ADDENDUM #1** modifies IFB #07-04 as follows:

**1. PART III – TECHNICAL SPECIFICATIONS**

**A. Section III.2. Dimensions**

1. **DELETE:** Page 10
2. **REPLACE:** Page 10R

**B. Section III.3. Design and Construction**

1. **DELETE:** Page 11  
**REPLACE:** Page 11R
2. **DELETE:** Page 13  
**REPLACE:** Page 13R

Except as specifically amended herein, all other terms and conditions of this solicitation remain unchanged and in full force and effect.

Offerors/Bidders must acknowledge receipt of this amendment by returning a signed original with the proposal/bid package prior to the hour and date specified in the solicitation.

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Name of Person Authorized to Sign \_\_\_\_\_

Print \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

## SECTION III TECHNICAL SPECIFICATIONS

### BICYCLE RACK COMPONENTS

#### III. 1 General

- a. This specification is intended to provide minimum requirements of the Potomac and Rappahannock Transportation Commission for a bicycle rack system. This bicycle rack system shall be installed on PRTC transit coaches to facilitate the PRTC Bicycle program.
- b. Racks provided will be installed by PRTC contracted maintenance staff on 5 Gillig Phantom (40') buses, 18 Orion 5 (40') 2000 model buses, and 19 Gillig Low Floor (30') buses. All mounting kits shall be specifically designed to attach to these model buses.
- c. A mounting template and any hole saws, drill extensions, or other special tooling required for installation, not common to transit repair shops will be included in sufficient quantities to complete this project.
- d. The bicycle rack system shall be compliant to all state and local rules, laws and regulations in force at the time of manufacturer.
- e. The bidder shall provide with their submitted proposal two (2) copies of product brochures, design specifications, installation drawings, warranty provisions and service/parts manual that will be used to determine compliance with these bid specifications.
- f. A bicycle is defined, for the purpose of this bid, as a standard non-motorized two-wheeled model with a wheel diameter of at least 16 inches. Unicycles, tandems, recumbents and tricycles are not considered bicycles.

#### III.2 Dimensions

- a. The carrier shall accommodate up to two (2) bicycles with a minimum of 16 inch diameter, a maximum of 3 inch wide tires, and up to a 48 inch wheelbase.
- b. Width shall not exceed 35 inches from the front of the bumper surface to the most forward part of the rack, with the rack down in the "user" position.**
- c. Height shall not impede "line-of-sight" of the operator, the operation of the windshield wiper, or any other mechanical or safety feature of the coach.
- d. Lifting weight to operate the rack shall not exceed 20 pounds.

### III.3 Design and Construction

- a. All components shall be interchangeable. This is to include the pivot bushings/pins, carrier, and latching devices, with the exception to mounting hardware that may be specific to bus model.
- b. Racks shall feature rim injected composite wheel trays (or equivalent) to allow for replacement of individual trays without replacing the entire bike rack due to collision, damage or abuse.
- c. All exposed edges shall be smooth, rounded, and true. Exposed surfaces shall be free of blemishes and of a construction design that will not create any pinch or cut zones to the user if used in the intended manner.
- d. The installed assemblage shall not damage a mechanical bus washer during the nightly exterior cleaning process.
- e. Racks shall be able to accommodate all bicycle types as defined in the General portion of these specifications. Racks shall be able to support a minimum of 200 lbs. in the central portion of the rack when in the user position.
- f. The carrier and support/tie-downs shall make contact with the bicycle tires only. No contact shall be made with the handlebars, frame, or pedals of the bicycle. The carrier shall not have loose parts, nor shall it incorporate straps or cords that can flop or catch on passing objects. The support/tie-down shall be of a self-storing design that requires no action of the user to store it and prevent this supportive/tie-down from hitting the coach when the carrier is folded in the stowed position.
- g. The design shall not obstruct the operation, or access to the coach access panels, lights, vents or other coach features by the coach mechanics.
- h. The rack shall be equipped with an injected molded ergonomic handle to facilitate easy stowing and deployment.
- i. Racks shall be attached to the bus frame without compromising the structural integrity of any portion of the bus structure or the rubber HELP bumper manufactured by Romeo Rim, Inc. All moving parts shall be permanently lubricated.**
- j. Swaying and bouncing of the rack, with and without loads, while the coach is in motion, shall be minimal and not cause damage to bicycles, bus, or bike rack fixture.
- k. Bike racks will be mounted on the front of the bus, fold upright when not in use, mount on the front bumper. Each bicycle rack shall be designed to allow independent loading and unloading of a bicycle from either storage position without having to remove the other bicycle.

### **III.8 Safety**

The bicycle racks shall be designed to incorporate safety features to protect the owner, user, and the general public. Proposal shall include detailed explanation of all safety features and design limits at time of proposal.

### **III.9 Labels**

**If available, the prospective bidder shall include any instructional labels, stickers or symbols, in both English and in Spanish, which instruct users on the proper operation of the rack, placement of the bicycle, securement of the bicycle and stowing the rack.**

### **III.10 Warranty**

- a. The bike racks shall be covered by warranty for a period of two (2) years *[or one year with an optional 1 year extension at no cost]* after initial installation. This warranty shall cover all defects in material and workmanship.
- b. Warranty shall also include parts, labor, and replacement costs due to faulty workmanship, premature wear, or defect. Contractor shall provide in the proposal, warranty claim process.