

Section 12 93 14 BICYCLE LOCKER
SPECIFICATIONS FOR GROUND CONTROL SYSTEMS® MBV - BICYCLE LOCKERS
MBV-1, MBV-1-OPEN, MBV-1-VISI, MBV-2, MBV-2-OPEN, MBV-2-VISI, MBV-XL

PART 1: GENERAL

1.1 Summary

This section includes written specifications for the MBV-1, MBV-1-OPEN, MBV-1-VISI, MBV-2, MBV-2-OPEN, MBV-2-VISI and MBV-XL expanded metal bicycle cage lockers.

1.2 Quality Assurance

A. *Manufacturer Qualifications:*

1. A manufacturer experienced in manufacturing and producing commercial bike parking lockers similar to the desired specification described for this project with a record of successful in-service performance.
2. Product Options: The manufacturer will be able to produce specific finish and color specifications, security, and on locker user education based on the specific form and function of the MBV-1, MBV-1-OPEN, MBV-1-VISI, MBV-2, MBV-2-OPEN, MBV-2-VISI and/or MBV-XL
3. Manufacturer Service Options: The manufacturer will be able to present product specific drawings of the bicycle lockers features, sizes (internal and external) shape, dimensional requirements and weight.

B. *Installer Qualifications:* Experienced installer has completed surface installations of bike lockers similar in specifications and to the extent indicated for this project.

1.3 Submittals

- A. *Product Information:* Must contain physical descriptions of product features, parking capacity, dimensions, shape, installation hardware requirements and finish options for each bike locker.
- B. *Installation Drawings and/or Installation Video:* Details installation instruction for the designated bike locker. Drawing packages and submittals can be supplied by *Ground Control*.
- C. *Product Verification:* Able to submit finish samples for review and verification upon request.
- D. *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.
- E. *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 lockers should be stored in their original packages or containers until they are ready for installation.
- C. Handling: Before and up to installation, bike lockers should be handled with sufficient care in order to prevent any finish damage.

1.5 Warranty

Manufacturer's Warranty: Bicycle racks carry a limited warranty against defects in materials and workmanship beginning on the date of delivery. The warranty period varies by material and application. Please see separate warranty document for

complete details and limitations on manufacturer liability.

Workmanship is classified by material:

- Coated structural steel and welds have a lifetime warranty
- All other materials have a 5-year warranty

Non-Marine Environment

- Powder coatings have a 5-year corrosion protection warranty
- Galvanized finishes have a 10-year corrosion protection warranty
- Thermoplastic coatings have a 20-year corrosion protection warranty

Marine Environment (Coastal Regions)

- Powder coatings have a 1-year corrosion protection warranty
- Galvanized finishes have a 5-year corrosion protection warranty
- Thermoplastic coatings have a 10-year corrosion protection warranty

Direct contact with salt water or salt (Salted roads)

- Powder coatings are not covered under warranty in this region
- Galvanized finishes have a 5-year corrosion protection warranty
- Thermoplastic coatings have a 5-year corrosion protection warranty

PART 2: PRODUCTS

2.1 Manufacturer

Provide expanded metal bicycle cage lockers 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

2.2 MBV-1, MBV-1-OPEN, MBV-1-VISI, MBV-2, MBV-2-OPEN, MBV-2-VISI, MBV-XL Materials

- A. All material is ASTM A36, A53 and/or A500
- B. Aluminum, zinc and stainless steel hardware

2.3 Finishes

- A. UV resistant Metallic Grey powder coating (Standard, Marine Environment rated)

2.4 MBV Footprint

Setbacks:

1. Wall setback: For lockers set parallel or perpendicular to a side wall: less than 3” or greater than 9”*
2. Distance between lockers: less than 3” or greater than 9”**
3. Front of locker to wall: minimum 48”, recommended 60”

** Child safety requirements

2.5 Product Specific Specification Details

- MBV-1 (Solid Door & Walls - 1 Bike)
- MBV-1-OPEN (Standard, Perforated Door & Solid Walls - 1 Bike)
- MBV-1-VISI (Perforated Door & Walls - 1 Bike)
- MBV-2 (Solid Door & Walls - 2 Bikes)
- MBV-2-OPEN (Standard, Perforated Door & Solid Walls - 2 Bikes)
- MBV-2-VISI (Perforated Walls & Door - 2 Bikes)
- MBV-XL (Standard, Perforated Door & Solid Walls - 1 Bike (Tandem, Wide Cargo Bike, Bikes w/ Trailers))

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 install. Notify project manager if conditions are unsatisfactory.

3.2 Preparation

Make sure the location of the bike locker is flat, level, square, accurate for alignment, and correctly located for the installation of the bike lockers(s). Use plastic or metal shims if necessary to offer a flat installation.

3.3 Installation

Surface or Flange Mount: An above ground mount anchored into concrete or asphalt using anchors specific to surface. Requires four 3" x 3/8" Wedge Anchor kits. Contact *Ground Control* for additional mounting options.

3.4 Quoting

- A. Product specification: Make sure the product item, installation hardware and expected lead time have been included in estimate.
- B. Product Pricing: Estimates are good for 45 days; contact a *Ground Control* representative for a current price list.

3.5 Freight

- A. *Ground Control* MBVs ship freight LTL, call *Ground Control* at 1-800-630-7225 for formal quote.
- B. Shipment Pricing: Estimates are good for 45 days; contact a *Ground Control* representative for a current price list.

3.6 Purchasing

- A. Product specification: Make sure the product item, installation hardware and expected lead time have been included in estimate.
- B. Product Pricing: Estimates are good for 45 days; contact a *Ground Control* representative for a current price list.
- 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.