

TECHNICAL SPECIFICATIONS



INSTRUCTIONS TO BIDDERS: A response to each Specification statement is required and is to be entered on the lines provided in the bidder's Response column. If the equipment conforms to the Specification, enter the word "CONFORMS". If the equipment does not conform to the Specification in each category, indicate "EXCEPTION" and state the variance from the Specification. FAILURE TO CONFORM TO THE SPECIFICATION MAY RESULT IN BID REJECTION.p

STANDARDS AND FUNCTIONS

BIDDER'S RESPONSE

- 2.1. This Specification is intended to describe and to set minimum acceptable standards for (not to design) pickup bed covers for full-size pick-up trucks currently in the (customer name) fleet.

This is a "Brand Name or Equal" Specification as set forth under (state any applicable procurement code) has determined that the following make/model of security pickup bed cover can be equipped to conform to this Specification and to perform effectively in the planned applications:

HercuLoc Secure Bed Cover, Electric Series

The use of a brand name is for the purpose of describing the standard of quality, performance, and characteristics desired and is not intended to limit or restrict competition. Other equipment, if equal in performance and quality, will be considered.

STATE THE MANUFACTURER OF THE PICKUP BED COVER QUOTED:

**STATE THE MODEL OF THE PICKUP BED COVER
QUOTED:**

2.2. This equipment will be used at elevations from sea level to 10,000 feet and in ambient temperatures from -30 degrees to 125 degrees F. The equipment must operate normally throughout this range of conditions.

2.3. The equipment supplied shall be based on a standard model of a manufacturer with experience in the production of industrial quality truck bed covers, equipped as necessary to meet the requirements of this Specification. All material and workmanship shall be of good quality and design.

2.4. All dimensions, weights, wire or metal gauges, or other factors expressed numerically in this Specification are to be considered as nominal (+/- 10%) requirements unless indicated otherwise by the words "Minimum", "Maximum", or "Exactly". Where brand names, with or without arrangement numbers, are mentioned, bidders are to understand that brand name or equal is intended.

2.5. (Customer) will supply the successful bidder with the following vehicle information with each order placed pursuant to this solicitation:

- A. Make/Model
- B. Model Year -
- C. Bed Length -
- D. Color of cover (white, black or red) -

2.6. Each unit shall include the following general construction features:

A. Cover construction shall be all metal; 18-gauge galvanized steel with powder coat primer and white, red or black hammer powder coat paint. Fiberglass or plastic construction is NOT ACCEPTABLE.

B. Lift assemblies – 10 ga. mild steel

- 1) All moving parts shall rotate on 1/2 in. I.D. oil-impregnated bronze bushings.

- 2) Ball screw electric actuator rated for 1000 lb. loads.

- C. Internal cam locking system.

- D. No external locks or latches required.

- E. Rear lip of cover shall extend over tail gate to prevent opening with cover closed and secured.

Operation

- 2.7. The cover shall be opened and closed by radio remote control. This keyless entry system shall utilize digital rolling code technology.

 - A. The hardware that controls the keyless entry system shall be inside the actuator housing located inside the pickup bed to prevent tampering.

 - B. The radio remote controller shall be encapsulated in RTV silicone to provide protection from environmental elements.

 - C. Two (2) remote key fob transmitters shall be supplied with each bed cover.

- 2.8. When closed, the cam-locking system shall engage a 1/2 inch striker bolt at each front corner. The mechanism shall not release until the actuator raises the rear leg assembly far enough to disengage.

- 2.9. When open, a self-locking electric actuator shall hold the cover in position whenever the motor is not energized.

 - A. When fully opened, the unit shall have a clearance of 49 inches or more above the floor of the pickup bed.

 - B. If necessary, the vehicle can be driven at any legal speed with the cover raised to carry bulky cargo.

Emergency Access

- 2.10 A system shall be provided within the pickup bed cover to allow the cover to be wrenched open in the event of electronic system failure. This access shall be provided with automotive security bolts and a key nut. The key nut and key code shall be provided with each unit.

Options

2.11 An optional switch inside the truck cab to operate the pickup bed cover in the event the user does not have access to the remote control transmitter shall be quoted separately on the attached price sheet. This option shall include the required cable for the in-cab switch.

2.12 An optional surveyor's field organizer package shall be quoted separately on the attached price sheet. The unit shall be framed with $\frac{3}{4}$ inch square steel tubing and finished with in 16 ga. galvanized steel with hemmed edges.

A. The package shall include a two-level bin system capable of storing standard surveyor tripods in the lower level and surveyor equipment and supplies in the upper level.

B. Overall dimensions of the organizer shall be 74-inches long x 48-inches wide x 17-inches high.

C. Design shall include storage space for a 5-gallon water jug in either rear corner of the pickup bed.

2.13 The pickup bed cover shall be warranted for a minimum of three (3) years / 36,000 miles from date of installation.

2.14 An installation manual shall be provided with each pickup bed cover.
