

**Texas Commission on Environmental Quality  
New Technology Research & Development (NTRD) Program  
Monthly Project Status Report**

**Contract Number:** 582-11-13471-2019

**Grantee:** Boulder Electric Vehicle, Inc. ([BEV](#))

**Report for the Monthly period:** September 2012 **Date Submitted:** 10/2/2012

**Section I. Accomplishments**

*Provide a bulleted list of project accomplishments as well as a description of their importance to the project.*

- We have delivered the first delivery van models to the city fleets.
- We have developed the driver training course.
- We have performed a video shoot of the trucks driving out of the plant as part of our commercialization plan.
- We are starting to road test the first of the 6 FedEx trucks.
- We are accelerating the build process for the additional 9 vehicles.
- We have continued to over spend our cost share amount of this grant.

*Indicate which part of the Grant Activities as defined in the grant agreement, the above accomplishments are related to:*

- All of these are for Task 2, 3, and 4.

## Section II: Problems/Solutions

*Problem(s) Identified: Report anticipated or unanticipated problem(s) encountered and its effect on the progress of the project*

- a) We have discovered a problem with the flat bed side rails provided by the manufacturer where they do not latch together properly.
- b) We have discovered a direct current to direct current (DC-DC) converter issue where the unit would fail. The vendor also failed to provide documentation of a known problem.

*Proposed Solution(s): Report any possible solution(s) to the problem(s) that were considered/encountered*

- a) With the flat bed issue we will ask the vendor to solve the issue.
- b) For the DC-DC issue we considered adding in a proprietary solution to reduce electrical spikes from shutting down motors. For the DC-DC issue we also considered solutions to the connect/disconnect cycle on the high voltage side.

*Action(s) Conducted and Results: Describe the action(s) taken to resolve the problem(s) and its effect*

- a) We have implemented both solutions and this seems to be working after more than 2 weeks of testing.

## Section III. Goals and Issues for Succeeding Period:

*Provide a brief description of the goal(s) you hope to realize in the coming period and identify any notable challenges that can be foreseen*

- We plan to have one of our engineers spend a full week with each city fleet for driver training.
- We plan on having the next 5 of 9 vehicles onto their axles and onto station 2 for doors.

Date: 10/2/2012

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*Authorized Project Representative's Signature*

**NOTE:** *Please attach any additional information that you feel should be a part of your report or that may be required to meet the deliverable requirements for tasks completed during this reporting period.*