

**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 **Date**
Monthly period: August 2012 **Submitted:** 9/5/2012

Section I. Accomplishments

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

- We have solved the high speed vibrational issue however it took us until the last day of August 2012 to complete this.
- We are still road testing the first three city trucks before delivery.
- We have performed range testing on the first 3 city trucks over fully loaded conditions with aggressive driving style and come up with 100 to 130 mile range fully loaded during the entire cycle.
- We have performed a photo shoot of each of the first three city trucks as part of our commercialization plan.
- We are almost ready to road test the 6 FedEx trucks.
- We have continued to over spend our cost share amount of this grant.
- We finally have a delivery time line from our second drive train manufacturer which will allow us to complete the second set of 9 trucks by the end of the year.
- We have implemented a battery cycling system in the battery production room as quality control measure so that the packs are fully cycled before going onto the trucks.

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 except the road testing which was prep for Task 3.

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 monitor problem where upon a rare occasion the vehicle monitor will crash after being fully charged.

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

- a) We considered a reset switch which will allow a user to reset the monitor before driving for the day.
- b) We considered reworking the monitor computer but have determined that could take as long as 6 months or more.

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

- a) We have installed a reset switch which will allow a user to reset the monitor before driving for the day.

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 develop our driver training program and have one of our engineers spend a full week with each city fleet upon delivery of their first vehicle.
- We plan on delivering all 3 city vehicles in September 2012.
- We are planning on delivering the City of Dallas delivery van at the Rocky Mountain Fleet Manager's Association trade show in Ft. Worth, Texas, in September 2012 and turning this into a press event.

Date: 9/5/2012

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.*