

BOARD MEETING DATE: October 6, 2017

AGENDA NO. 7

PROPOSAL: Amend Award to Develop and Demonstrate Electric School Buses with Vehicle-to-Grid Capability

SYNOPSIS: In March 2017, the Board approved an award to Blue Bird Body Company, Inc., (Blue Bird) to develop, manufacture and demonstrate electric school buses. Blue Bird had proposed to use a specific technology partner (TransPower) as their component supplier and integrator, but subsequent to Board approval, Blue Bird decided to use a different technology partner for the project. Blue Bird's component supplier and integrators will now be Efficient Drivetrain, Inc., and Adomani, Inc. DOE has approved this change. This action is to amend the award with Blue Bird noting the change in technology partners, for the development, manufacture and demonstration of electric school buses with vehicle-to-grid capability.

COMMITTEE: Technology, September 15, 2017; Recommended for Approval

RECOMMENDED ACTION:

Amend award to Blue Bird Body Company, Inc., noting the change in technology partners, for the development, manufacture and demonstration of electric school buses with vehicle-to-grid capability.

Wayne Nastri
Executive Officer

MMM:NB:JI

Background

On March 3, 2017, the Board approved awarding a contract to Blue Bird Body Company, Inc., (Blue Bird) for the development, manufacture and demonstration of electric school buses. The Board letter identified TransPower as Blue Bird's component supplier and vehicle integrator. Subsequently, in July 2017, Blue Bird notified SCAQMD that they had decided to change their component supplier and vehicle integrator. The DOE, which had awarded Blue Bird \$4,902,237 to develop,

manufacture and demonstrate eight electric school buses with vehicle-to-grid (V2G) capabilities within the Rialto Unified School District (Rialto USD), has approved Blue Bird's change for new partners.

Proposal

For this project, Blue Bird proposes to change its component supplier and vehicle integrator to Efficient Drivetrain, Inc., (EDI) and Adomani, Inc. The change in technology partners will not affect the scope of the project. Eight production buses manufactured by Blue Bird, upon receipt of certification from the California Highway Patrol, will be placed into service with Rialto USD. The final task will be development of a Market Transformation Plan describing how Blue Bird, with the assistance of its team members, will commercialize electric school buses using the demonstrated drive system.

Sole Source Justification

Section VIII.B.2. of the Procurement Policy and Procedure identifies provisions under which a sole source award may be justified when funded in whole or in part with federal funds. The request for a sole source award for this project is made under the provision B.3.c: The awarding federal agency authorizes noncompetitive proposals. Blue Bird and their partners have been approved by DOE for this electric school bus with V2G capability demonstration project and have extensive knowledge and experience in advanced electric vehicle technologies that are needed to successfully complete this project. This demonstration project will be cost-shared by BAAQMD, Rialto USD, Blue Bird and partners as outlined in the Resource Impacts section.

Resource Impacts

The total cost for this proposed project remains \$9,804,529, with cash contributions comprised of \$4,902,238 from DOE, \$320,000 from Rialto USD and up to \$1,900,000 from SCAQMD's Lower-Emission School Bus Fund (33). Cost-share anticipated from TransPower will now be provided by Blue Bird and other partners.