



DEPARTMENT OF
GENERAL SERVICES

CITY OF SACRAMENTO
CALIFORNIA

5730 - 24th Street, Building One
Sacramento, CA 95822-3699

FLEET MANAGEMENT DIVISION

DOCKET
09-ALT-1

Phone: 916-808-1888
Fax: 916-399-9263

April 27, 2010

DATE	APR 27 2010
RECD.	APR 28 2010

California Energy Commission
Dockets Office, MS-4
Re: Docket No. 09-ALT-1
1516 Ninth Street
Sacramento, CA 95814-5512

Subject: 09-ALT-1 2010-2011 Investment Plan: Demonstration Project for a Hydrostatic Regenerative Braking System (HRB)

Dear Leslie Baroody:

The City of Sacramento is recommending that the California Energy Commission (CEC) consider including a demonstration project for Hydrostatic Regenerative Braking System in the CEC AB 118 Investment Plan for 2010-11. This project offers benefits such as approximately 25 percent fuel savings, which in turn reduces emissions, CO2 and carbon foot print.

On April 22, 2010, the Sacramento City Council adopted Resolution No. 2010-195 authorizing the purchase of up to 16 automated side loading refuse trucks for the City's Solid Waste Division. The purchase of these refuse trucks will take place in fiscal year 2010 / 2011, as the new fiscal year begins on July 1, 2010.

The City of Sacramento has been working with American LaFrance and Bosch Rexroth Corporation to establish a demonstration project that will serve to achieve CARB Heavy Duty Hybrid Certification. The demonstration project is a hydraulic hybrid vehicle technology or Hydrostatic Regenerative Braking System (HRB) using LNG fuel to operate refuse trucks within the City of Sacramento. Both American LaFrance and Bosch Rexroth are willing to participate in the demonstration project for up to four Hydraulic Hybrid units for the City of Sacramento.

The City of Sacramento is requesting financial assistance for this project in the amount of \$271,875 for the incremental cost of the hybrid option for up to four trucks. The City obtained the incremental cost quote of \$67,969 per unit as part of the formal bid

process for the purchase of 16 refuse trucks from Sacramento Truck Center, the local dealer for American LaFrance.

Please feel free to contact me with any questions at (916) 808-5869.

Sincerely,

A handwritten signature in black ink, appearing to read "Keith Leech". The signature is written in a cursive style with a long horizontal stroke at the end.

Keith Leech
Fleet Manager

Encl: Letter dated April 13, 2010 from Rexroth

Rexroth
Bosch Group

Mr. Rowie Sizemore
Operations General Supervisor
City of Sacramento, Fleet Management Division
5730 24th Street Bld 1
Sacramento, California 95822-3699

Bosch Rexroth Corporation
2730 Research Dr.
Rochester Hills, MI 48309
USA
Tel. (248) 265-4000
www.boschrexroth-us.com

Subject: Bosch Rexroth Hydraulic Hybrid Technology for Sacramento Refuse
Collection Application

13 April 2010

Mr. Sizemore,

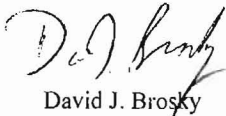
Bosch Rexroth Corporation are excited to work with the City of Sacramento to demonstrate our hydraulic hybrid vehicle technology or Hydrostatic Regenerative Braking System (HRB) for the City's refuse collection truck application.

We are confident that HRB will help the City further reduce fuel consumption and vehicle emissions while significantly reducing brake maintenance costs as well. In addition, this project will be serve as our lead project to achieve CARB Heavy-Duty Hybrid Certification.

We appreciate this opportunity and look forward to working with the City of Sacramento on this exciting project.

Please feel free to contact me if you have any questions or require anything further.

Best regards,



David J. Brosky
Bosch Rexroth Corporation