



**REQUEST FOR INFORMATION (RFI)**  
**ELECTRIC POWERED REAR LOAD REFUSE VEHICLE FOR MUNICIPAL FLEET**  
**REFERENCE NO.: 1220-050-2019-025**

**1. PURPOSE AND BACKGROUND**

This request for information (the “RFI”) is an information gathering and market research tool, not a formal solicitation of a specific requirement (such as a request for proposals, RFP document). Through this RFI the City of Surrey (the “City”) is seeking information from interested parties regarding electric powered rear load refuse vehicles for use in a municipal fleet operation, as defined in this RFI. This is an opportunity for interested parties to help the City better understand the electric powered refuse truck marketplace and/or specific subject matter.

The City is developing an electric vehicle (EV) strategy to meet the needs of this emerging technology for its fleet operations. EVs represent one of the greatest opportunities for the City to reduce greenhouse gas emissions from its fleet operations.

The City’s Engineering Department, Fleet Operations has long been a leader in advancing sustainable fleet operations initiatives and is committed to encouraging the use of electric vehicles. Shifting from fossil fuel-powered vehicles to low or zero emission vehicles is a key strategy in advancing sustainable City fleet operations.

Within the City budget request for 2019/2020, there is a need to replace some of the City’s existing refuse vehicles or are needed for additions to the City’s fleet.

The City’s experience with electric powered rear load refuse vehicles have been very limited.

**2. GENERAL INFORMATION**

**Challenge Statement**

The RFI is intended to explore an overarching question: What options are available in the marketplace for electric powered refuse vehicles which will support the preferred configuration and functionality required by the City’s Engineering Department, Operations Division.

The preferred type of unit that is being considered is:

- Class 6 – 19,501lb to 26,000lb
- Cab-over configuration
- 6-yard reload compactor
- Range approximately 150 km per charge

Attached is a photo of the size of a unit, if available in electric configuration.



The above referenced specifications should not be interpreted as restrictive but rather as a measure of quality and performance which all other rear load refuse trucks may be compared.

### 3. INFORMATION SOUGHT

Specifications on:

- Dimensions;
- Performance;
- Kilometres on full charge, taking into consideration compaction cycles;
- Chassis;
- Powertrain;
- Budget Pricing only;
- Charging Requirements;
- Projected Lifespan of the battery;
- Budget pricing for replacement of battery(s);
- Approximate fuel savings;
- Approximate maintenance savings;
- Type of training that would be needed for minor maintenance and repairs;
- Type of training that would be needed for major repairs;
- Special tools; and
- Typical warranty coverages and warranty repair location.

Respondents should not respond with any proprietary or confidential information as any information and/or recommendations in response to this RFI may be used by the City in determining the structure and content of any subsequent procurement opportunity, or opportunities. So please be careful not to send anything you might consider confidential.

#### 4. ADDRESS FOR DELIVERY

A response should be labelled with the respondent's name, RFI title and number. A response should be submitted in the form as set out below.

The respondent may submit a response either by email or in a hard copy, as follows:

##### (a) Email

If the respondent chooses to submit by email, the respondent should submit the response electronically in a single pdf file which must be delivered to the City by email at: [purchasing@surrey.ca](mailto:purchasing@surrey.ca)

PDF emailed responses are preferred and the City will confirm receipt of emails. Note that the maximum file size the City can receive is 10Mb. If sending large email attachments, respondents should phone to confirm receipt. A respondent bears all risk that the City's computer equipment functions properly so that the City receives the response.

##### (b) Hard Copy

If the respondent chooses NOT to submit by email, the respondent should submit one original unbound submission and one (1) copy (two (2) in total) which must be delivered to the City at the office of:

Name: Richard D. Oppelt, Manager, Procurement Services  
at the following location:

Address: Surrey City Hall  
Finance Department – Procurement Services Section  
Reception Counter, 5<sup>th</sup> Floor West  
13450 – 104 Avenue, Surrey, British Columbia, Canada, V3T 1V8

#### 5. DATE

The City would prefer to receive responses on or before **November 28, 2019**. The City's office hours are 8:30 a.m. to 4:00 p.m., Monday to Friday, except statutory holidays.

#### 6. INQUIRIES

All inquiries related to this RFI should be directed in writing to the person named below. Information obtained from any person or source other than the person named below may not be relied upon.

Name: Richard D. Oppelt, Manager, Procurement Services  
E-mail: [purchasing@surrey.ca](mailto:purchasing@surrey.ca)  
Reference: 1220-050-2019-025

**7. NO CONTRACT**

This RFI is simply an invitation for responses (not including prices and terms) for the convenience of all parties. It is not a tender and no obligations of any kind will arise from this RFI or the submission of a response. Receipt of responses in relation to this RFI will not constitute a contract to purchase goods and/or services. No respondent shall acquire any legal rights or privileges whatsoever in relation to this request, or portion thereof, as a result of this RFI.

The City reserves the complete right to at any time reject all responses, and to terminate this RFI process, and take no further action.

**8. RESPONDENT'S EXPENSES**

Respondents are solely responsible for their own expenses in preparing and submitting Responses, and for any meetings, negotiations or discussions with the City or its representatives and consultants, relating to or arising from the RFI. The City and its representatives, agents, consultants and advisors will not be liable to any respondent for any claims, whether for costs, expenses, losses or damages, or loss of anticipated profits, or for any other matter whatsoever, incurred by the respondent in preparing and submitting a response, or any other activity related to or arising out of this RFI.

**9. FOLLOW-UP MEETING**

The City may, at its discretion, contact any respondent to follow-up with additional questions or for clarification of any aspect of a response. The City may, at its discretion agree to meet respondents to provide respondents with the opportunity to present and/or demonstrate their capabilities in relation to this RFI. Respondents' presentations are at no obligation to the City's invitation to make a presentation.

We appreciate your time and your help with our information gathering and we look forward to hearing from you.