Green Mobility Purchasing Advisory Committee

Metropolitan Area Planning Council (MAPC)

March 27, 2017

Metropolitan Area Planning Council
3rd Floor Conference Room
60 Temple Place, Boston, MA
Meeting Agenda

10:00 AM  Welcome & Member Updates

10:20 AM  Green Mobility Group Purchasing Program
          • RFQ Draft
          • FAQ Draft

11:05 AM  MAPC Updates & Committee Input

11:20 AM  Wrap Up & Next Steps
Green Mobility
Group Purchasing Program
Overview & Committee Feedback on RFQ and FAQ Development
Nearly 50% of municipal fleet vehicles are...
## Options Currently on VEH102 (Category 3)

<table>
<thead>
<tr>
<th>Retrofit of existing vehicles OR Up-fit of new purchases</th>
<th>Convert to</th>
<th>Vehicle type</th>
<th>OEMs</th>
<th>Re-fueling Considerations?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CNG</td>
<td>Pickup Trucks</td>
<td>Ford</td>
<td>Yes</td>
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<td></td>
<td>Hybrid Electric</td>
<td>Pickup Trucks, Cargo Van, Box Truck, Utility Body, Passenger Van, Shuttle Bus, Walk In Van</td>
<td>Ford, GM, Isuzu</td>
<td>No</td>
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<tr>
<td></td>
<td>Hydraulic Electric</td>
<td>Trash Truck, Box Truck, Step Van, School Bus, Shuttle Bus, Mechanical Street Sweeper</td>
<td>Autocar, Crane Carrier, Ford, Freightliner, GM, International, Mack Peterbilt</td>
<td>No</td>
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<td></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

**Vehicle types:**
- Pickup Trucks
- Cargo Van, Box Truck, Utility Body
- Passenger Van, Shuttle Bus, Walk In Van
- Trash Truck, Box Truck, Step Van, School Bus, Shuttle Bus, Mechanical Street Sweeper
- Trash Truck, Box Truck, Step Van, School Bus, Shuttle Bus, Mechanical Street Sweeper
- Autocar, Crane Carrier, Ford, Freightliner, GM, International, Mack Peterbilt

**OEMs:**
- Ford
- Ford, GM, Isuzu
- Autocar, Crane Carrier, Ford, Freightliner, GM, International, Mack Peterbilt

**Re-fueling Considerations?**
- Yes
- No
- No
Letters of Interest

Deadline for 1st round extended to April 21, 2017.

Current vehicle types: trash trucks, cargo vans, dump trucks, passenger vans, school buses, pick-up trucks, box trucks...
Program Roll Out

MAPC PROGRAM TIMELINE

Bid Development with Vehicle Specs
January – June 2017

Issue Bid
July 2017

Bid Process
July – August 2017

Implementation/Evaluation
September – March 2018

MUNICIPAL TIMELINE

Communities submit Letters of Interest (LOI) to MAPC for 1st round of program

Purchase Commitment
July 2017

Vendor installs and delivers retrofit and/or up-fit kits
Fall 2017

FUNDING OPPORTUNITIES

GC Grant Deadline
March 3, 2017

DOER Clean Vehicle Grants
TBA 2017

GC Grants Awarded
June/July 2017
RFQ Feedback

RFQ Sections

- Providing Pricing Quotes
- Rule of Award
- Direction of Work
- Payment for Services Rendered
- Specifications
- Delivery and Installations
- Conditions of Engagement
- Quote Form
FAQ Feedback

Program Process
Finance Specifics
Technology Details
MAPC F4F Updates

Fleet Assessments, Decision Making Guides, and Boot Camp Planning
Fleet Assessment Options

Snap Shot — Deep Dive

Free — $$$

Alternative Fuels Data Center
Vehicle Cost Calculator
Argonne National Laboratory
AFLEET
ezev
fleetcarma
Other Updates

- Decision Making Guides
- Boot Camp Planning
Wrap Up & Next Steps

1. Action Items identified during Discussions

2. Webpage: www.mapc.org/cleanvehicleprojects

3. Next Meeting Date: June 19th, 2017 10-11:30am