



## State of New Jersey

PHILIP D. MURPHY  
*Governor*

Department of Environmental Protection

CATHERINE R. McCABE  
*Commissioner*

SHEILA Y. OLIVER  
*Lt. Governor*

### PROJECT PROPOSAL

#### OVERALL GOAL

The State of New Jersey, as a beneficiary of the Trust established pursuant to the national Volkswagen settlement, intends to use its allocation from the mitigation trust to efficiently implement projects that reduce oxides of nitrogen (NOx) emissions in a cost effective and technically feasible manner. The implemented projects must meet the criteria of the Consent Decree. New Jersey is issuing this solicitation for project ideas to ensure a broad range of project ideas are considered.

NJDEP anticipates primarily funding pilot electrification projects, including the replacement of heavy-duty vehicles/engines such as buses, trucks, and non-road equipment in urban areas disproportionately impacted by diesel emissions, as well as electric vehicle charging/fueling infrastructure installation in strategic locations across the state.

Submissions must contain all the information outlined in the “Project Proposals” section of this document.

#### ELIGIBLE PROJECTS

A general summary is below. [Click here for comprehensive list and associated definitions.](#)

Source Category	Emission Reduction Strategy	Allowed Expenditure Amount
1. Class 8 local freight trucks & port drayage trucks	Repower and replacement	Up to 40% for repower with diesel or alternative fuel or up to 75% (up to 100% if government owned) for repower with electric. Electric charging infrastructure costs are an eligible expense.  Up to 25% for replacement with diesel or alternative fuel or up to 75% (up to 100% if government owned) for electric replacement. Electric charging infrastructure costs are an eligible expense.
2. Class 4-8 school bus, shuttle bus or transit bus	Repower and replacement	Same as row 1
3. Freight switching locomotives	Repower and replacement	Same as row 1
4. Ferries/Tugs	Repower	Same as row 1
5. Oceangoing vessels	Shorepower	Up to 25% for shore side infrastructure if non-government owned (up to 100% if government owned)

Source Category	Emission Reduction Strategy	Allowed Expenditure Amount
<b>6. Class 4-7 local freight trucks</b>	Repower and replacement	Same as row 1.
<b>7. Airport ground support equipment</b>	Repower and replacement	Up to 75% to repower or replace with electric (100% if government owned). Electric charging infrastructure costs are an eligible expense.
<b>8. Forklifts and Port Cargo Handling Equipment</b>	Repower and replacement	Up to 75% to repower or replace with electric (100% if government owned). Electric charging infrastructure costs are an eligible expense.
<b>9. Electric vehicle charging stations or hydrogen fueling stations for light duty vehicles only</b>		Up to 100% to purchase, install and maintain infrastructure if available to public at <i>government owned</i> property. Up to 80% to purchase, install and maintain infrastructure if available to public at <i>non-government owned</i> property. Up to 60% to purchase, install and maintain infrastructure at a workplace or multi-unit dwelling that is not available to the general public. Up to 33% to purchase, install and maintain infrastructure for publicly available hydrogen dispensing that is high volume or 25% for lower volume.

### PROJECT PROPOSALS (Open with Adobe Reader)

Electronic submittals are preferred and should be sent to [VWComments@dep.nj.gov](mailto:VWComments@dep.nj.gov), however paper submittals will also be accepted and should be sent to:

NJDEP  
Division of Air Quality  
Mail code 401-02E  
Trenton, NJ 08625-0420  
Attn: VW Settlement

All proposals must contain the following information; incomplete applications will not be considered. If your project is selected, you may be contacted for additional detailed information. Send questions to [VWComments@dep.nj.gov](mailto:VWComments@dep.nj.gov)

To enter information electronically, use Adobe Reader

### CONTACT INFORMATION

Applicant Name	Builders First Source
Applicant Address	2001 Bryan Street Suite 1600
City, State, Zip Code	Dallas, TX 75201
Contact Person	Glenn K Reynolds
Title/Position	Fleet Manager Region one
Phone	717-418-6830
E-mail	Glenn.Reynolds@BLDR.com
Owner Name	Builders First Source (Gloucester City, NJ Gypsum)
Owner Address	400WATER STREET
City, State, Zip Code	GLOUCESTER, NJ 08030
Contact Person	JOSH ROBINSON
Title/Position	General Manager (LOCCODE CAMDNJGP)
Phone	856-365-1384
E-mail	JOSH.ROBINSON@bldr.com

<b>PROJECT NAME</b>	Builders First Source (Gloucester City, NJ Gypsum)							
<b>PROJECT CATEGORY OR CATEGORIES</b> (choose from 1-9 in "Eligible Projects" section above)								
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	7 <input type="checkbox"/>	8 <input checked="" type="checkbox"/>	9 <input type="checkbox"/>

<b>PROJECT PRIORITY</b>	Priority # <input type="text" value="4"/> of <input type="text" value="6"/> proposals
If submitting more than one proposal, what is the sponsor's priority of this proposal?	

### NOTE FOR CATEGORY 9 PROPOSALS

If your proposal is for Category 9 (Light Duty Zero Emission Vehicle Supply Equipment), follow these instructions:

Electric Vehicle stations: Do not complete this form. Instead, go to [It Pay\\$ to Plug In – NJDEP's Electric Vehicle Charging Grants Program](#), and apply for a Charging Grant. Volkswagen funds for charging stations will be administered through *It Pay\$ to Plug In*.

Hydrogen fuel cell vehicle supply equipment: Complete all of the questions on this form.

### PROJECT BUDGET

Provide total estimated project budget, include source, amount of cost share, and administrative costs if applicable:

Grant Request \$143,342.84; 75% of EV FL (\$124,645.95) and Admin costs \$18,696.89. Builders First Source Cost share \$41,548.65 plus Admin cost overrun.

**PROJECT DESCRIPTION** (Briefly describe the project by completing the following questions)  
 Project proposes to eliminate TWO (2) DIESEL FL; ONE(1) 2005 YALE GLP120MJNGBE095 (105HP), AND ONE 2003 YALE GLP060 6K FL (46HP) WITH TWO (2) 12K (74 HP) Diesel Forklift with TWP Hyster 12K EV FL, (2) J120XN. Project will install TWO (2) workplace Level two charger at the GLOUCESTER, NJ location.

Geographic area where emissions reductions will occur? **GLOUCESTER, NJ**

Estimated size of population benefitting from the emission reductions? **739937**

Estimated useful life of the project? **12 years**

Number of engines/vehicles/vessels/equipment included in the project? **TWO**

DEP will be modeling emission benefits for all projects. Please provide the necessary information below:

Model Year 2005, 2003

Horsepower 105, 46

Annual hours of use 1660

Annual amount of fuel used 1660

Will the project benefit one or more communities that are disproportionately impacted by air pollution? If so, please describe?

CAMDEN county is in the Philadelphia-Wilmington-Trenton, PA, NJ-DE-MD nonattainment area for failing ambient national air quality standards to include NOx Pollutants. Adjacent areas in NJ will also benefit from the emission reductions.

Only shovel ready projects will be considered. Please list project partners.

See Supplemental pages

Estimated timeframe for implementation? Include a project timeline that identifies start and end dates, as well as the timeline for key milestones.

Project to Start 1 July 2020 and end 1 Feb 2021 Key timelines are the Submission and approval (19 June 2020) and EV Ordering based on Grant approval(s) for each of the six location submissions.

Demonstrated success in implementing similar projects?

Demonstrated success in implementing similar projects? Project will be implemented with the Location Owner, Hyster Fork Lifts, Area Electrician all of who have set up the Gloucester City EV forklift project to install two 5KLB EV forklifts at company expense no grants applied for or awarded. Fleet team National VP for Logistics and Region One Fleet Manager (applicant on Behalf of Builders First Source) have experience in 2009-2015 in Applying for, Receiving (\$15M), Equipment Purchasing to Specification, ROI project analysis to include EPA, Department of Energy (DERG) Grant administration and compliance.

If your proposed project involves alternative fuels, provide a demonstration of current or future plans to provide adequate refueling infrastructure.

The Builders First Source projects will consist of six locations in New Jersey, Replacing (through Scrappage) twelve diesel forklifts ranging in age of 22-15 years along with four Liquid Propane fork lifts. Builders First Source will also install 18 new Level two workplace chargers for the eighteen total forklifts at these work place locations.

Has your organization been approved to receive and expend any other grant funds related to this project? If so, please provide details.

NONE

Please provide any additional information that supports this project.

Estimated Budget: \$184,891.49

One \$87,638.10 Hyster 12,000 LB EV Fork lift, J120XN, one \$78,556.5 Hyster 8,000 EV FL, J80XN; Includes EV FL(1ea), Charger LV2 (1ea FL), and Battery (1ea FL). Administration estimated costs \$18,696.89 (infrastructure, SWPP associated costs.

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Two additional pages have been provided as supplemental space to answer any of the questions above.

### Supplemental Page 1

Only shovel ready projects will be considered. Please list project partners (Vendors included for the project)

Electrician (Project Partner)

Electrician in the Gloucester City , NJ EV project understands the requirements.

Electrician (Project Partner)

Owner Name George Baker Electric

Owner Address 29 Edgewater Avenue

City Westville

State NJ

Zip 08093

Contact Person (Onwer, Manager) George Baker

Title position Owner

Phone 856-456-4988

Email georgebakerelectric@gmail.com

ROI Reviews/ Emissions reduction modeling

Owner Name EnerSys, Power/Full Solutions

Owner Address 2366 Bernville Road

City Reading

State PA

Zip 19605

Contact Person (Onwer, Manager) H. Lewis

Title position EnerSYS Contact

Phone 610-208-1991

FAX 610-372-8457

Phone Mobile 704-701-4657

Email hlewis@ibcipower.com

WEBPAGE [www.Convert2Electric.com](http://www.Convert2Electric.com)

EV FL Supplier #1

Owner Name Hyster-Yale Group

Primary Supplier

Owner Address 1400 Sullivan Drive

City Greenville

State NC

Zip 27834

Contact Person (Onwer, Manager) Jeff Matthews

Title position National Account Manager

Email jeff.matthews@hyster-yale.com

Mobile (407) 619-5764

Phone

WEBPAGE [www.hyster-yale.com#hygsig](http://www.hyster-yale.com#hygsig)

Builders First Source (Who we are):

Green building is a priority for Builders FirstSource. Our team is well trained and very knowledgeable about green building practices and products. We offer a broad range of products to help you with your green building effort. Trusses, wall panels, FSC lumber, engineered lumber, and Energy Star qualified windows and doors are just a few of the green products that we carry. Make Builders FirstSource your first source for green building practices and products.

<https://www.blldr.com/green-works>