



Town of Riverdale Park

5008 Queensbury Road
Riverdale Park, Maryland 20737

December 5, 2016

Sean Williamson, MPP
Program Manager, Energy and Climate
University of Maryland
Environmental Finance Center
1211 Preinkert Field House, Building 054
College Park, MD 20742

Re: Reimbursement Request for MEA Grant 2015-14-420S1

To whom it may concern:

The Town of Riverdale Park respectfully requests reimbursement of \$32,147 for the replacement of thirty-one 175-Watt streetlights (200 W with ballast) with 71 Watt LED lights.

Please contact me if you need any additional information.

Sincerely,



Leonard Addison
Acting Town Manager

Attachment A
MSEC Project Development Form

(This form denotes the information necessary to approve an MSEC funded project.)

1. Name of Grantee				
Town of Riverdale Park				
2. Policies Passed:				
X Energy Efficiency <input type="checkbox"/> Renewable Energy X Transportation Petroleum Reduction				
3. Grant Amount				
Total Grant Amount: \$32,147				
<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%; padding: 5px; vertical-align: top;"><u>a. Direct Project Costs:</u> Minimum 70% of total grant amount</td><td style="width: 50%; padding: 5px; vertical-align: top;">The total cost of the project = \$41,075.00. The MSEC grant award will contribute \$31,710, and the Town of Riverdale Park will contribute \$9,365.</td></tr><tr><td style="padding: 5px; vertical-align: top;"><u>b. Policy and Project Preparation Costs:</u> Maximum 30% of total grant amount</td><td style="padding: 5px; vertical-align: top;">\$437.00 for indirect costs.</td></tr></table>	<u>a. Direct Project Costs:</u> Minimum 70% of total grant amount	The total cost of the project = \$41,075.00. The MSEC grant award will contribute \$31,710, and the Town of Riverdale Park will contribute \$9,365.	<u>b. Policy and Project Preparation Costs:</u> Maximum 30% of total grant amount	\$437.00 for indirect costs.
<u>a. Direct Project Costs:</u> Minimum 70% of total grant amount	The total cost of the project = \$41,075.00. The MSEC grant award will contribute \$31,710, and the Town of Riverdale Park will contribute \$9,365.			
<u>b. Policy and Project Preparation Costs:</u> Maximum 30% of total grant amount	\$437.00 for indirect costs.			
4. Project Address				
Queensbury Road from Lafayette Avenue until Baltimore Avenue				
5. Project Type				
X A project focusing solely on energy efficiency (i.e., a lighting upgrade, adding insulation, etc.) <input type="checkbox"/> A project focusing solely on renewable energy/clean transportation (i.e., adding solar panels to your roof) <input type="checkbox"/> A project which combines energy efficiency and renewable energy/clean transportation				

6. Percentage of Grant Per Funding Track (<i>e.g. energy efficiency, renewable energy, or transportation petroleum reduction</i>)
100% of the grant award is in the general energy efficiency funding track.
7. Project Narrative:
The Town of Riverdale Park will upgrade 31 metal halide streetlights (all owned by the Town). 31 175 Watt streetlights (200 W w/ ballast) will be replaced with 71 Watt LED lights.
8. Total Project Cost, Other Sources of Funding (<i>e.g. Jurisdiction Match, Rebates, Other Grants, etc.</i>)
The total project cost is \$41,075. The project will be financed by a \$31,710 contribution from the Town's MSEC grant, and \$9,365 from the Town of Riverdale Park.
9. Annual Energy Benefits Estimate (<i>e.g. kWh reduced, kw installed, gallons reduced</i>)
<p>The project will reduce electricity usage in the Town by 16,796 kWh per year. Annual electricity savings in dollars = \$1,982 (.118 \$/kWh x 16,796 total kWh savings per year).</p> <p><u>Project Impact – Percent to MSEC Goal</u></p> <p>Riverdale Park consumed ~394,000 kWh in FY 2015, which translates to a 15% reduction of ~59,000 by FY 2020. This project will save the Town 16,796 kWh per and get them roughly 28 percent of the way towards their goal.</p>
10. Expected Life of the Installed Equipment
The expected life of streetlights is 15-20 years.

11. Simple Payback of the Measures (e.g. project cost/annual savings)	
Simple Payback (MSEC ONLY) = 16 Years (\$31,710 MSEC contribution/ \$1,982 in annual electricity savings).	
Simple Payback (ALL COST) = 20.7 Years (\$41,075/\$1,982 in annual electricity savings).	
12. Electricity/Fuel Cost Information	
Electric utility provider and cost of electricity, \$/kWh	\$0.118/kWh (Cost of electricity)
Building fuel oil cost (\$/gallon)	
Natural gas utility provider and cost of natural gas (\$/MMcf)	
Propane cost (\$/gallon)	
Gasoline cost (\$/gallon)	
Diesel cost (\$/gallon)	
Other fuels not listed above (please specify):	
13. Utility Rebates to be Pursued:	
The vendor will be asked to pursue utility rebates.	
14. Documentation of MHT Review (For MEA Use Only)	
See accompanying screenshot including area of Town where lights will be retrofitted.	

PHILIPS**Invoice**

Philips Lighting North America Corp
200 Franklin Square Dr
Somerset, NJ 08875
ORU: 166071
EIN: 04-3391805
ECCN#: EAR99
License Type: N.L.R.

Date of Issue 09/30/2016	Page 1 / 1	Invoice # 8912527981
Shipment # 102564325	Delivery # 2026686719	Payer # 10031690
		Purchase Order # LED KITS 16

Bill To 10031690

TOWN OF RIVERDALE PARK
5012 QUEENSBURY RD
RIVERDALE MD 20737

Sold To 10031690

TOWN OF RIVERDALE PARK
5012 QUEENSBURY RD
RIVERDALE MD 20737

Pay To
PHILIPS LIGHTING CO
PO Box 100194
ATLANTA GA 30384-0194

Agent Release:

Sales Order #
1015290587

Invoice Ref.
8912527981

Country of Destination
United States

Ship To 10031690

TOWN OF RIVERDALE PARK
JANICE EUELL
5012 QUEENSBURY RD
RIVERDALE MD 20737

Terms of Delivery and Payment

FOB

Free on Board

1% 10TH EOM, NET 25TH EOM

Up to 10/10/2016 you receive 1.000 % discount

Up to 10/25/2016 without deduction

Item	Material	Quantity	Price Per	Amount
	Typenumber / Description	Volume		Currency: USD

PO LED KITS 16 CB4 24HRS 301-864-1803 SHIP COMPLETE
Carrier: NEW PENN
Shipment PRO Number: 83920020-1

001	000912400451063 RL32CCBB1ANC64AN BGE ALED Customer Material No. S5683B-A3NC64A3NA QUOTATION BASED ON S5683-DWG04 REV A. APPROVAL DRAWING IS REQUIRED FOR ORDER PROCESSING	31 PCE	1,325.00 / 1 PCE	41,075.00
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Items Total: 41,075.00

Final Totals: 31 CASES 0.310 KG 0 M3 6.200 KG 41,075.00

Handling Codes:

Order Reason: 001

Total Taxes: 0.00

TERMS OF SALE: BY ACCEPTING THIS INVOICE, PURCHASER IS DEEMED TO HAVE ACCEPTED, AS INCORPORATED HEREIN BY REFERENCE, PHILIPS' TERMS AND CONDITIONS OF SALE. PLEASE VISIT OUR WEBSITE AT www.philips.com/termsandconditionsprofessional FOR DETAILS OF OUR TERMS AND CONDITIONS. COMMODITIES, TECHNOLOGY OR SOFTWARE LICENSED BY THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO UNITED STATES LAW IS PROHIBITED. CORRESPONDENCE REGARDING ORDERS SHOULD BE DIRECTED TO CUSTOMER SERVICE. WE HEREBY CERTIFY THAT THESE GOODS WERE PRODUCED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF SECTIONS 6, 7, AND 12 OF THE FAIR LABOR STANDARDS ACT, AS AMENDED, AND OF REGULATIONS AND ORDERS OF THE UNITED STATES DEPARTMENT OF LABOR ISSUED UNDER SECTION 14, THEREOF.









