

Lehigh and Northampton Transportation Authority

MPMS #:95008

County:Lehigh

A/Q Status:Exempt

Title:Purchase Van/Minibuses

Exempt Code:Purch new buses & cars for rplcmnt or mnr expan.

Short Narrative:Replace seventy-six (76) diesel van/minibuses with gasoline vehicles over a four-year period from FFY 2019 to FFY 2022.

Narrative: FFY 2019: Eleven (11) diesel van/minibuses with years of manufacture of 2012 and 2013 will be replaced with gasoline vehicles. Specific vehicles to be replaced will be determined based on the condition of the vehicles in the fleet and their recent maintenance history at the time of the replacement vehicles' arrival.

FFY 2020: Sixteen (16) diesel van/minibuses with a year of manufacture of 2014 will be replaced with gasoline vehicles. Specific vehicles to be replaced will be determined based on the condition of the vehicles in the fleet and their recent maintenance history at the time of the replacement vehicles' arrival.

FFY 2021: Fifteen (15) diesel van/minibuses with a year of manufacture of 2015 will be replaced with gasoline vehicles. Specific vehicles to be replaced will be determined based on the condition of the vehicles in the fleet and their recent maintenance history at the time of the replacement vehicles' arrival.

FFY 2022: Thirty-four (34) diesel van/minibuses with a year of manufacture of 2016 will be replaced with gasoline vehicles. Specific vehicles to be replaced will be determined based on the condition of the vehicles in the fleet and their recent maintenance history at the time of the replacement vehicles' arrival.

Fund	TIP Program Years (\$000)			
	2019	2020	2021	2022
LOC	\$ 829	\$ 917	\$ 902	\$ 1,187
5307	\$ 0	\$ 0	\$ 223	\$ 1,363
5310	\$ 0	\$ 283	\$ 0	\$ 0
	\$ 829	\$ 1,200	\$ 1,125	\$ 2,550
Total FY 2019-2022 Cost \$ 5,704				

MPMS #:95010

County:Lehigh

A/Q Status:Exempt

Title:PM Maintenance (Federal)

Exempt Code:Rehabilitation of transit vehicles

Short Narrative:Preventative Maintenance Program (LANta FY 2019-2022)

Narrative:Funding will be used toward fleet and facility Preventive Maintenance activities on LANta's fixed route transit vehicle fleet and administrative/operating/maintenance facilities.

Fund	TIP Program Years (\$000)			
	2019	2020	2021	2022
LOC	\$ 1,010	\$ 1,090	\$ 1,010	\$ 1,010
5307	\$ 4,040	\$ 4,360	\$ 4,040	\$ 4,040
	\$ 5,050	\$ 5,450	\$ 5,050	\$ 5,050
Total FY 2019-2022 Cost \$ 20,600				

MPMS #:95015

County:Lehigh

A/Q Status:Exempt

Title:ADA Para Trans Serv Cap

Exempt Code:Operating assistance to transit agencies

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Short Narrative: Funding will cover a portion of the operating expenses associated with the provision of the Americans with Disabilities (ADA) paratransit service.

Narrative: This funding covers a portion of the operating expenses for the Americans with Disabilities (ADA) paratransit service. LANta is able to capitalize this portion of the funds for providing this service. The remainder of the funding for the ADA paratransit service comes from State operating assistance and passenger farebox revenue and is not capitalized.

TIP Program Years (\$000)				
Fund	2019	2020	2021	2022
LOC	\$ 170	\$ 170	\$ 170	\$ 170
5307	\$ 680	\$ 680	\$ 680	\$ 680
	\$ 850	\$ 850	\$ 850	\$ 850
Total FY 2019-2022 Cost \$ 3,400				

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MPMS #:95019

County:Lehigh

A/Q Status:Exempt

Title:Heavy-Duty Bus Purchase **Exempt Code:**Purch new buses & cars for rplcmnt or mnr expan.

Short Narrative:Replacement of twenty-eight (28) diesel-based buses with Compressed Natural Gas (CNG) buses from FFY 2019 through FFY 2021.

Narrative: FFY 2019: Ten (10) diesel buses with years of manufacture of 2003 and 2005 will be replaced with Compressed Natural Gas (CNG) buses. Specific vehicles to be replaced will be determined based on the condition of the vehicles in the fleet and their recent maintenance history at the time of the replacement vehicles' arrival.

FFY 2020: Ten (10) diesel buses with years of manufacture of 2005 and 2006 will be replaced with Compressed Natural Gas (CNG) buses. Specific vehicles to be replaced will be determined based on the condition of the vehicles in the fleet and their recent maintenance history at the time of the replacement vehicles' arrival.

FFY 2021: A total of eight (8) buses with years of manufacture of 2006 and 2010 will be replaced with Compressed Natural Gas (CNG) buses. Specifically, three (3) diesel powered vehicles from 2006 will be replaced and five (5) Hybrid Diesel-Electric powered vehicles from 2010 will be replaced. Replacement selection will be determined based on the condition of the vehicles in the fleet and their recent maintenance history at the time of the replacement vehicles' arrival.

FFY2022: Funding is being programmed toward future Hybrid Diesel-Electric replacements for vehicles that have reached their designated useful lives in age and miles. At this time, no vehicles are estimated to be replaced in FFY 2022.

Fund	TIP Program Years (\$000)			
	2019	2020	2021	2022
LOC	\$ 1,057	\$ 1,077	\$ 880	\$ 475
CAQ	\$ 960	\$ 960	\$ 960	\$ 960
5307	\$ 2,352	\$ 2,408	\$ 1,619	\$ 0
5339	\$ 917	\$ 941	\$ 941	\$ 941
	\$ 5,286	\$ 5,386	\$ 4,400	\$ 2,376
Total FY 2019-2022 Cost \$ 17,448				

MPMS #:95178

County:Lehigh

A/Q Status:Exempt

Title:ITS and Security Project **Exempt Code:**Const. or renov. of power, signal, & comm systems

Short Narrative:Purchase/replacement/upgrading of communication technology and computer hardware and software.

Narrative: This project includes the replacement and upgrading of communication and monitoring technology, computer hardware, software, servers, & printers, and other computer technology for the administration and operation of LANtaBus and LANtaVan systems. The project budget satisfies the FTA requirement that LANta must spend at least 1% of its Section 5307 formula funds on security improvements.

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TIP Program Years (\$000)				
Fund	2019	2020	2021	2022
LOC	\$ 32	\$ 24	\$ 24	\$ 24
5307	\$ 129	\$ 96	\$ 96	\$ 96
	\$ 161	\$ 120	\$ 120	\$ 120
Total FY 2019-2022 Cost \$ 521				

MPMS #:95180

County:Lehigh

A/Q Status:Exempt

Title:Service Vehicles Replace Exempt Code:Purchase of support vehicles

Short Narrative:Purchase six (6) non-revenue service vehicles.

Narrative:LANta maintains a fleet of service vehicles for use in the conduct of daily duties. This line item includes funding for the replacement of six (6) non-revenue service vehicles.

TIP Program Years (\$000)				
Fund	2019	2020	2021	2022
LOC	\$ 12	\$ 0	\$ 12	\$ 12
5307	\$ 48	\$ 0	\$ 48	\$ 48
	\$ 60	\$ 0	\$ 60	\$ 60
Total FY 2019-2022 Cost \$ 180				

MPMS #:95183

County:Lehigh

A/Q Status:Exempt

Title:Sign, Shelters and Enhanc Exempt Code:Recon. or renov. transit bldgs & structures

Short Narrative:Funding will be used to improve passenger amenities at heavily used bus stops and transit centers through the purchase, installation and maintenance of accurate and informative bus stop signs, passenger shelters, waiting areas and benches.

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TIP Program Years (\$000)				
Fund	2019	2020	2021	2022
LOC	\$ 4	\$ 4	\$ 4	\$ 4
5307	\$ 16	\$ 14	\$ 16	\$ 16
	\$ 20	\$ 18	\$ 20	\$ 20
Total FY 2019-2022 Cost \$ 78				

MPMS #:106530

County:Lehigh

A/Q Status:Exempt

Title:LANta Enhanced BRT Projec Exempt Code:Recon. or renov. transit bldgs & structures

Short Narrative:Funding is being programmed in FFY 2021 and FFY 2022 for LANta's Enhanced Bus/ Bus Rapid Transit (BRT) project.

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Narrative: Funding is being programmed in FFY 2021 and FFY 2022 for LANta's Enhanced Bus / Bus Rapid Transit (BRT) project. Funding will be used for planning, design, engineering and construction of road treatment elements and other capital improvements of Phase I and II, as recommended in the Lehigh Valley Enhanced Bus / Bus Rapid Transit Study. There will also be bus fleet expansion for the Enhanced Bus / BRT project. Improvements will include street furniture (benches, shelters and other passenger amenities), bus stop signage, transit signal priority devices & signal optimization, off-board fare collection systems, and other roadway betterments.

LANta's current fixed route bus fleet stands at eighty-three (83) vehicles. In terms of bus fleet expansion for the LANTA Enhanced Bus / BRT Project, the number of new vehicles that will be needed is unknown at this time.

Fund	TIP Program Years (\$000)			
	2019	2020	2021	2022
LOC	\$ 0	\$ 0	\$ 1,750	\$ 1,432
5307	\$ 0	\$ 0	\$ 1,041	\$ 1,167
	\$ 0	\$ 0	\$ 2,791	\$ 2,599
Total FY 2019-2022 Cost \$ 5,390				

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MPMS #:106703

County:Lehigh

A/Q Status:Exempt

Title:LANta Operating Assist. Exempt Code:Operating assistance to transit agencies

Short Narrative:LANta Operating Assistance for FFY 2019 through FFY 2022.

Narrative: This project provides funding for LANta's Operating Assistance to the Allentown-Bethlehem-Easton Urbanized Area for FFY 2019 through FFY 2022.

TIP Program Years (\$000)				
Fund	2019	2020	2021	2022
LOC	\$ 18,108	\$ 18,330	\$ 18,554	\$ 18,785
	\$ 18,108	\$ 18,330	\$ 18,554	\$ 18,785
Total FY 2019-2022 Cost \$ 73,777				

MPMS #:106704

County:Lehigh

A/Q Status:Exempt

Title:Share Ride Operate Assist Exempt Code:Cont. ride-shrng & van-pool prom. at cur lvls

Short Narrative:LANta shared ride activities for FFY 2019 through FFY 2022.

Narrative: This project provides funding for LANta's shared ride activities in the Allentown-Bethlehem-Easton Urbanized Area for FFY 2019 through FFY 2022.

TIP Program Years (\$000)				
Fund	2019	2020	2021	2022
LOC	\$ 3,727	\$ 3,727	\$ 3,727	\$ 3,727
	\$ 3,727	\$ 3,727	\$ 3,727	\$ 3,727
Total FY 2019-2022 Cost \$ 14,908				

MPMS #:110171

County:Lehigh

A/Q Status:Exempt

Title:Associated Cap. Maint Exempt Code:Purch off., shop, & op. eq. for exist. facility

Short Narrative:This project provides funding for the replacement and refurbishing of LANta capital maintenance items, which includes the purchase of capitalized spare parts for LANta's fleet of heavy duty buses and a tire lease for the heavy duty buses.

Narrative: This project provides funding for the replacement and refurbishing of LANta capital maintenance items, which includes the purchase of capitalized spare parts for LANta's fleet of heavy duty buses, as well as their tire lease for the heavy duty buses for FFY 2019 through FFY 2022. The renewal of LANta's tire lease agreement will occur within the four years of the TIP.

TIP Program Years (\$000)				
Fund	2019	2020	2021	2022
LOC	\$ 90	\$ 90	\$ 90	\$ 90
5307	\$ 360	\$ 360	\$ 360	\$ 360
	\$ 450	\$ 450	\$ 450	\$ 450
Total FY 2019-2022 Cost \$ 1,800				

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MPMS #:110172

County:Lehigh

A/Q Status:Exempt

Title:LANta Facility Improve

Exempt Code:Recon. or renov. transit bldgs & structures

Short Narrative:LANta facility improvements, including engineering, design, renovation and construction activities.

Narrative: This project provides funding in FFY 2019 through FFY 2022 for engineering, design, renovation and construction activities at LANta- owned and leased facilities, including the Allentown Administrative Offices, Allentown Maintenance and Garage structures, the Easton Administrative Offices, Easton Maintenance and Garage structures, the LANTA Allentown Transportation Center (ATC), LANTA Bethlehem Transportation Center (BTC), LANTA Easton Intermodal Transportation Center (EITC), and the LANTA Lehigh Valley Mall transfer facility. Miscellaneous facility improvements and upgrades to shop and office equipment will be part of the renovation activities.

Fund	TIP Program Years (\$000)			
	2019	2020	2021	2022
LOC	\$ 146	\$ 45	\$ 65	\$ 153
5307	\$ 584	\$ 182	\$ 260	\$ 613
	\$ 730	\$ 227	\$ 325	\$ 766
Total FY 2019-2022 Cost \$ 2,048				