



South Carolina
Department of Transportation

December 4, 2015

Mr. Al Babinicz, Executive Director
Clemson Area Transit
1200 Tiger Boulevard, Suite 2
Clemson, South Carolina 29631

Re: Funding Award for Vehicle Replacement Initiative

Dear Mr. Babinicz:

The letter is intended to inform you that the SCDOT Commission has approved the Office of Public Transit's (OPT) recommendation during the October 2015 meeting for available FTA and state funds for statewide vehicle replacement. The funding allocation for Clemson Area Transit is detailed below:

FUNDING TYPE	FUNDING AMOUNTS
FTA SECTION 5307	\$2,337,500
SMTF	\$412,500
TOTAL	\$2,750,000

The awarded funding would need to be programmed into the Transportation Improvement Program (TIP) of the regional Metropolitan Planning Organization; and then subsequently incorporated into the Statewide Transportation Improvement Program (STIP) with SCDOT.

We are requesting that you begin the TIP process as soon as possible, so as to take advantage of the available funding. Thank you for your efforts to provide quality transit services to your transit patrons, and please contact me at (803) 737-0996 or email at mmanuikajk@scdot.org, if you have any questions.

Sincerely,

Johnny Mmanuik, Director
Office of Public Transit

JKM:mbw
File: OPT/DAB



Replacement in 2012-2013

Rank	Unit Number	Vehicle ID Number & Vehicle Class Code		Is This Vehicle Currently Used In Your 5307 Service?		Original Cost	Year	Year eligible for replacement	Make	Seating Capacity	Odometer Reading	Vehicle to be replaced funded by:
		VID Number	CODE	YES	NO							
	291	1Z9B5DTS13W216063	2	X		\$240,319.00	2002	2012	OPUS	31	358214	ANDERSON

Replacement in 2013-2014

	Unit Number	Vehicle ID Number & Vehicle Class Code		Is This Vehicle Currently Used In Your 5307 Service?		Original Cost	Year	Year eligible for replacement	Make	Seating Capacity	Odometer Reading	Vehicle to be replaced funded by:
		VID Number	CODE	YES	NO							
	204	1Z9B5DTS13W216063	2	X		\$248,642.00	2003	2013	OPUS	31	313598	MT-3A109-110
7	205	1Z9B5DTS33W216064	2	X		\$248,642.00	2003	2013	OPUS	31	273707	MT-3A109-110
5	300	1Z9B5DTS53W216065	2	X		\$248,642.00	2003	2013	OPUS	31	342336	MT-3A109-110

Replacement in 2014-2015

	Unit Number	Vehicle ID Number & Vehicle Class Code		Is This Vehicle Currently Used In Your 5307 Service?		Original Cost	Year	Year eligible for replacement	Make	Seating Capacity	Odometer Reading	Vehicle to be replaced funded by:
		VID Number	CODE	YES	NO							
6	301	1Z9B5DTS24W216087	2	X		\$247,530.00	2004	2014	OPUS	31	380512	C. UNIVERSITY
1	302	1Z9B5DTS44W216088	2	X		\$247,530.00	2004	2014	OPUS	31	385198	C. UNIVERSITY
4	303	1Z9B5DTS64W216089	2	X		\$247,530.00	2004	2014	OPUS	31	376044	MT-5A109-79
2	304	1Z9B5DTS24W216090	2	X		\$247,530.00	2004	2014	OPUS	31	382110	MT-5A109-79
	305	1Z9B5DTS44W216091	2	X		\$247,530.00	2004	2014	OPUS	31	371509	MT-5A109-79
	306	1Z9B5DTS64W216092	2	X		\$247,530.00	2004	2014	OPUS	31	370741	MT-5A109-79
3	307	1Z9B5DTS84W216093	2	X		\$247,530.00	2004	2014	OPUS	31	354351	MT-5A109-79
	308	1Z9B5DTSX4W216094	2	X		\$247,530.00	2004	2014	OPUS	31	313012	MT-5A109-79
8	309	1Z9B5DTS14W216095	2	X		\$247,530.00	2004	2014	OPUS	31	380159	MT-5A109-79

Replacement in 2016-2017

	Unit Number	Vehicle ID Number & Vehicle Class Code		Is This Vehicle Currently Used In Your 5311 Service?		Original Cost	Year	Year eligible for replacement	Make	Seating Capacity	Odometer Reading	Vehicle to be replaced funded by:
		VID Number	CODE	YES	NO							
	104	1Z9B6BSS26W216337	3	X		\$268,000.00	2006	2016	OPUS	23	262727	Seneca
	105	1Z9B6BSS46W216338	3	X		\$268,000.00	2006	2016	OPUS	23	270121	Seneca
	106	1Z9B5BSS44W216257	3	X		\$218,470.00	2004*	2016	OPUS	23	270363	Seneca

Replacement in 2023-2024

	Unit Number	Vehicle ID Number & Vehicle Class Code		Is This Vehicle Currently Used In Your 5307 Service?		Original Cost	Year	Year eligible for replacement	Make	Seating Capacity	Odometer Reading	Vehicle to be replaced funded by:
		VID Number	CODE	YES	NO							
	400	4RKYL82U1C4500005	3	X		\$405,000.00	2011	2023	NOVA	30w2 : 34	120954	MT-1A109-K4
	401	4RKYL82U3C4500006	3	X		\$405,000.00	2011	2023	NOVA	30w2 : 34	102548	MT-1A109-K4
	402	4RKYL82U5C4500007	3	X		\$405,000.00	2011	2023	NOVA	30w2 : 34	133572	MT-1A109-K4
	403	4RKYL82U9C4500009	3	X		\$405,000.00	2011	2023	NOVA	30w2 : 34	130740	MT-1A109-K4
	404	4RKYL82U5C4500010	3	X		\$405,000.00	2011	2023	NOVA	30w2 : 34	124510	PT-3A111-18
	600	4RKYS92U5C4500002	3	X		\$633,880.00	2011	2023	NOVA	52w2 : 56	72817	PT-3A111-19

Replacement in 2024-2025

	601	4RKYS92U1D4500418	3	X		\$699,000.00	2013	2024	NOVA	52w2 : 56	55800	PT-3A109-H5
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Buses to be replaced with Phase II

Buses passed their useful life

Buses that have reached their useful life

Use of SCDOT Grant Funding

Package A: 6 Bus Replacement with SCDOT Grant							
Cost					Budget		
Cost of Bus	Units		Total		SCDOT Vehicle Replacement Grant	CAT Reserve	Remaining Funds Available
\$426,936	6		\$2,561,616		\$2,750,000		\$188,384
Total	6		\$2,561,616		\$2,750,000	\$0	\$188,384

Package B: 7 Bus Replacement with CAT Reserve and SCDOT Grant								
Cost of Bus	Units	Up-fits	Total w/o LM	Total		SCDOT Vehicle Replacement Grant	CAT Reserve	Remaining Funds Available
\$426,936	6		\$2,561,616	\$2,561,616		\$2,561,616	\$0	\$188,384
\$200,000	1	\$15,000	\$215,000	\$215,000		\$188,384	\$26,616	\$0
Total	7			\$2,776,616		\$2,750,000	\$26,616	\$0

Package C: 1 Bus Replacement with CAT Reserve Only								
Cost of Bus	Units	Up-fits	Total w/o LM	Total		SCDOT Vehicle Replacement Grant	CAT Reserve	Remaining Funds Available
\$200,000	1	\$15,000	\$215,000	\$215,000		\$0	\$215,000	\$0
Total	1			\$215,000		\$0	\$215,000	\$0

Package B + C: 8 Bus Replacement with CAT Reserve and SCDOT Grant								
Cost of Bus	Units	Up-fits	Total w/o LM	Total		SCDOT Vehicle Replacement Grant	CAT Reserve	Remaining Funds Available
\$426,936	6		\$2,561,616	\$2,561,616		\$2,561,616	\$0	\$188,384
\$200,000	1	\$15,000	\$215,000	\$215,000		\$188,384	\$26,616	\$0
\$200,000	1	\$15,000	\$215,000	\$215,000		\$0	\$215,000	\$0
Total	8	\$30,000	\$2,991,616	\$2,991,616		\$2,750,000	\$241,616	\$0

Deadline Schedules

Dates	Task	Completed	Approved
15-Jan	Submit SCDOT Packet		
19-Jan	City Council Meeting to approve using CAT's reserve for demo bus purchases		
Feb 3-5	Inspect Demo Buses		
10-Feb	Buy Demo Bus # 1		
12-Feb	Submit Purchase Order or Letter of Intent to Nova for 6 buses		
22-Feb	GPAT Policy Committee to approve SCDOT Grant Funding		
17-Mar	SCDOT Grant inclusion into STIP/TIP		
18-Mar	Receive Split Allocation Letter from SCDOT		
Mar 18 - Apr 4	15 Public Comment		
21-Apr	SCDOT Commission Approve		
21-Apr	SCDOT issues Contract to order buses		
22-Apr	Complete Grant Application in TEAM/TrAMS		
4th Quarter 2016	Delivery of 6 buses and Demo Bus #2		

Buses to be Replaced						
	Bus #	VIN #	Year	Year of Eligible for Replacement	Make	Model
1	302	1Z9B5DTS44W216088	2004	2014	OPUS	Optima
2	304	1Z9B5DTS24W216090	2004	2014	OPUS	Optima
3	307	1Z9B5DTS84W216093	2004	2014	OPUS	Optima
4	303	1Z9B5DTS64W216089	2004	2014	OPUS	Optima
5	300	1Z9B5DTS53W216065	2003	2013	OPUS	Optima
6	301	1Z9B5DTS24W216087	2004	2014	OPUS	Optima
7	205	1Z9B5DTS53W216065	2003	2013	OPUS	Optima
8	309	1Z9B5DTS14W216095	2004	2014	OPUS	Optima
9	204	1Z9B5DTS13W216063	2003	2013	OPUS	Optima
10	201	1C9B5DMS62W535017	2002	2012	OPUS	Optima
11	308	1Z9B5DTSX4W216094	2004	2014	OPUS	Optima
12	306	1Z9B5DTS64W216092	2004	2014	OPUS	Optima
13	305	1Z9B5DTS44W216091	2004	2014	OPUS	Optima
14	106	1Z9B5BSS44W216257	2004	2016	OPUS	Optima
15	104	1Z9B6BSS26W216337	2006	2016	OPUS	Optima
16	105	1Z9B6BSS46W216338	2006	2016	OPUS	Optima

Replacement Buses						
	Bus #	VIN #	Year	Year of Eligible for Replacement	Make	Model
1			2016	2028	NOVA	LFS40
2			2016	2028	NOVA	LFS40
3			2016	2028	NOVA	LFS40
4			2016	2028	NOVA	LFS40
5			2016	2028	NOVA	LFS40
6			2016	2028	NOVA	LFS40
7		Pre-Owned	2012	2024	NOVA	LFS40
8		Pre-Owned	2012	2024	NOVA	LFS40
9				2028	NOVA	LFS40
10				2028	NOVA	LFS40
11				2028	NOVA	LFS40
12				2028	NOVA	LFS40
13				2028	NOVA	LFS40
14				2028	NOVA	LFS40
15				2028	NOVA	LFS40
16				2028	NOVA	LFS40



Bus # 1

L628-01

LFS 40



BUS ID	L628 2012	SEATING CAPACITY	35 passengers
LENGTH	40.0'	CONFIGURATION	US
PROPULSION	Clean diesel	PASSENGER SEATS	USSC/4One LLC Aries
ENGINE	2010 Cummins ISB 280 HP	DRIVER'S SEAT	USSC 9100ALX
TRANSMISSION	ZF EcoLife	FRONT DOOR	Wide
BRAKE SYSTEM	All-wheel disc brakes	REAR DOOR	Narrow
ROOF-MOUNTED HVAC	Thermo King	ACCESSIBILITY	Front door 1:6 flip ramp
AXLES	ZF		Front kneeling
			2 forward-facing wheelchair positions
FUEL TANK CAPACITY	125 US gallons	BIKE RACK	Sportworks DL2 SST
ELECTRIC COOLING	Nova eCooling	FRONT & REAR ESCAPE HATCHES	Front electric, rear manual
DESTINATION SIGNS	Twin vision (front, curb, rear)	FLUSH WINDOWS	L.T. 23%
STRUCTURE	Stainless steel	FLUSH WINDOWS AND DOORS	Citiview
OUTSIDE SHELL	Fiberglass Thermoplastic skirt panels	FLOORING SYSTEM	Honeycomb composite



Bus # 2
L628-02
LFS 40



BUS ID	L628 2012	SEATING CAPACITY	35 passengers
LENGTH	40.0'	CONFIGURATION	US
PROPULSION	Clean diesel	PASSENGER SEATS	USSC/4One LLC Aries
ENGINE	2010 Cummins ISB 280 HP	DRIVER'S SEAT	USSC 9100ALX
TRANSMISSION	ZF EcoLife	FRONT DOOR	Wide
BRAKE SYSTEM	All-wheel disc brakes	REAR DOOR	Narrow
ROOF-MOUNTED HVAC	Thermo King	ACCESSIBILITY	Front door 1:6 flip ramp Front kneeling 2 forward-facing wheelchair positions
AXLES	ZF		
FUEL TANK CAPACITY	125 US gallons	BIKE RACK	Sportworks DL2 SST
ELECTRIC COOLING	Nova eCooling	FRONT & REAR ESCAPE HATCHES	Front electric, rear manual
DESTINATION SIGNS	Twin vision (front, curb, rear)	FLUSH WINDOWS	L.T. 23%
STRUCTURE	Stainless steel	FLUSH WINDOWS AND DOORS	Citiview
OUTSIDE SHELL	Fiberglass Thermoplastic skirt panels	FLOORING SYSTEM	Honeycomb composite

DEMO BUS FOR SALE - Nova LFS



SPECIFICATIONS

The Nova LFS is designed and assembled with transit authorities and their customers in mind. Nova Bus has maximized style, performance and maintainability to build a sleek-looking and reliable bus with an industry leading life cycle cost.

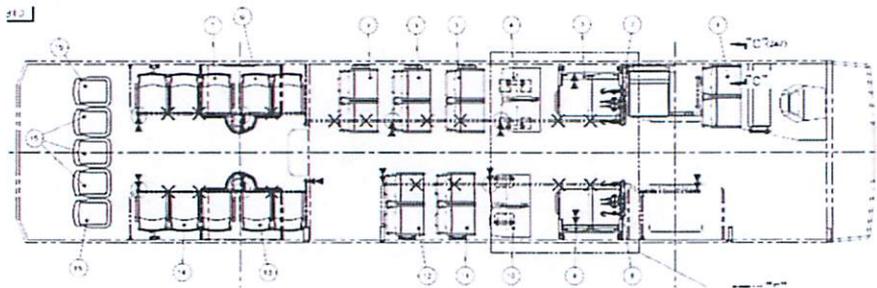
BUS ID	L628 2012	SEATING CAPACITY	35 passengers
LENGTH	40.0'	CONFIGURATION	US
PROPULSION	Clean diesel	PASSENGER SEATS	USSC/4One LLC Aries
ENGINE	2010 Cummins ISB 280 HP	DRIVER'S SEAT	USSC 9100ALX
TRANSMISSION	ZF EcoLife	FRONT DOOR	Wide
BRAKE SYSTEM	All-wheel disc brakes	REAR DOOR	Narrow
ROOF-MOUNTED HVAC	Thermo King	ACCESSIBILITY	Front door 1:6 flip ramp Front kneeling 2 foward-facing wheelchair positions
AXLES	ZF		
FUEL TANK CAPACITY	125 US gallons		
ELECTRIC COOLING	Nova eCooling	BIKE RACK	Sportworks DL2 SST
DESTINATION SIGNS	Twin vision (front, curb, rear)	FRONT & REAR ESCAPE HATCHES	Front electric, rear manual
STRUCTURE	Stainless steel	FLUSH WINDOWS	L.T. 23%
OUTSIDE SHELL	Fiberglass	FLUSH WINDOWS AND DOORS	Citiview
	Thermoplastic skirt panels	FLOORING SYSTEM	Honeycomb composite

Contact your Nova Bus sales manager for complete details on standard features and options available on this demo vehicle.

PASSENGER ENVIRONMENT

<p>Seats USSC - Aries</p>		<p>Floor Gerflor - Galaxy</p>	
<p>T2C Anti-Vandal Holdsworth #YV/P2924B</p>		<p>Melamine ceiling Arborite</p>	<p>8750 Tucuna</p>
<p>Stanchions Black</p>	<p>Shell Stainless steel</p>	<p>Melamine between windows Arborite</p>	 <p>S406 Silver Grey</p>
	<p>Melamine between windows Arborite</p>	 <p>S406 Silver grey</p>	<p>Lower wall melamine Arborite</p>
			 <p>S406 Silver Grey</p>

SEAT LAYOUT



PICTURES



Contact your Nova Bus sales manager for complete details on standard features and options available on this demo vehicle.