



OFFICE OF PLANNING AND BUDGET

Brian P. Kemp
Governor

Kelly Farr
Director

April 13, 2022

Michael Bochanski Jr.
Relationship Manager | Wilmington Trust, N.A.
Rodney Square North
1100 North Market Street
Wilmington, DE 19890-0001

Dear Mr. Bochanski,

As the approved Lead Agency for the State of Georgia, the Governor's Office of Planning and Budget is submitting the attached D-4 application form requesting \$8,911,400.00 of its share of the Volkswagen Mitigation funds. The funding request is the third of what is expected to be four allocation requests to fund the projects described in state's Beneficiary Mitigation Plan.

This request will replace ten (10) aging, higher-polluting diesel transit buses with battery electric transit buses and purchase electric charging infrastructure.

Best Regards,

Kelly Farr

Kelly Farr

BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

Beneficiary State of Georgia

Lead Agency Authorized to Act on Behalf of the Beneficiary Governor's Office of Planning and Budget
(Any authorized person with delegation of such authority to direct the Trustee delivered to the Trustee pursuant to a Delegation of Authority and Certificate of Incumbency)

Action Title:	Class 4-8 School Bus, Shuttle Bus, or Transit Bus (Eligible Buses)
Beneficiary's Project ID:	VW Settlement Funds - Project ID 66VWM
Funding Request No.	<i>(sequential)</i> Three (3)
Request Type: (select one or more)	<input type="checkbox"/> Reimbursement <input checked="" type="checkbox"/> Advance <input type="checkbox"/> Other (specify): _____
Payment to be made to: (select one or more)	<input checked="" type="checkbox"/> Beneficiary <input type="checkbox"/> Other (specify): _____
Funding Request & Direction (Attachment A)	<input checked="" type="checkbox"/> Attached to this Certification <input type="checkbox"/> To be Provided Separately

SUMMARY

<p>Eligible Mitigation Action <input checked="" type="checkbox"/> Appendix D-2 item (specify): <u>Class 4-8 School Bus, Shuttle Bus, or Transit Bus (Eligible Buses)</u></p> <p>Action Type <input type="checkbox"/> Item 10 - DERA Option (5.2.12) (specify and attach DERA Proposal):</p>
<p>Explanation of how funding request fits into Beneficiary's Mitigation Plan (5.2.1):</p> <p><small>This funding request is for the replacement of aging, higher-polluting diesel transit buses and the purchase of new electric bus charging infrastructure owned and operated by the state of Georgia (See attachments for additional detail).</small></p>
<p>Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):</p> <p><small>On April 30, 2018, the U.S. Environmental Protection Agency designated seven counties in the Atlanta Metropolitan Area as nonattainment for the 2015 national ambient air quality standard for ozone. Funding the Transit replacement project will benefit the Atlanta Metropolitan Area by reducing NOx emissions from commuter buses. NOx, when combined with volatile organic compounds (VOCs) and sunlight, reacts to form ground level ozone (See attachments for additional detail)..</small></p>
<p>Estimate of Anticipated NOx Reductions (5.2.3):</p> <p>NOx emissions reductions of 100 percent are expected. (See attachments for additional detail).</p>
<p>Identification of Governmental Entity Responsible for Reviewing and Auditing Expenditures of Eligible Mitigation Action Funds to Ensure Compliance with Applicable Law (5.2.7.1):</p> <p>Governor's Office of Planning and Budget (OPB) and the Environmental Protection Division (EPD) - (See attachments for additional detail)</p>
<p>Describe how the Beneficiary will make documentation publicly available (5.2.7.2).</p> <p><small>Documents submitted by Georgia to the Trustee will be available to the public on the OPB VW Mitigation Website including those submitted in support of each funding request.</small></p>
<p>Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8).</p> <p><small>The state of Georgia owns and operates the assets associated with the current request. The funds will be used to execute the replacement of buses. The Atlanta-Region Transit Link Authority has also received a federal Low or No Emissions Vehicle grant 5339 (c) that will share partial cost of the bus replacement. The costs of construction for the bus depot and charger bay necessitated by the purchase of new electric buses will not be funded by the trust funds and have not been included in this draw. All administrative costs and additional requirements associated with equipment will be purchased and maintained by the state (See attachments for additional detail).</small></p>
<p>Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).</p> <p><small>OPB provided email correspondence to the Department of Interior and Department of Agriculture with its attached Mitigation Plan (see attachments for additional detail).</small></p>

If applicable, describe how the mitigation action will mitigate the impacts of NO_x emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions (5.2.10).

The Atlanta Metropolitan Area bears a disproportionate share of the NO_x burden in Georgia. The new buses will replace current transit buses operating in the region (see attachments for additional detail)

ATTACHMENTS
(CHECK BOX IF ATTACHED)

- Attachment A** **Funding Request and Direction.**
- Attachment B** **Eligible Mitigation Action Management Plan Including Detailed Budget and Implementation and Expenditures Timeline (5.2.4).**
- Attachment C** **Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11).**
- Attachment D** **Detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000 (5.2.6). [Attach only if project involves vendor expenditures exceeding \$25,000.]**
- Attachment E** **DERA Option (5.2.12). [Attach only if using DERA option.]**
- Attachment F** **Attachment specifying amount of requested funding to be debited against each beneficiary's allocation (5.2.13). [Attach only if this is a joint application involving multiple beneficiaries.]**

CERTIFICATIONS

By submitting this application, the Lead Agency makes the following certifications:

- 1. This application is submitted on behalf of Beneficiary Georgia, and the person executing this certification has authority to make this certification on behalf of the Lead Agency and Beneficiary, pursuant to the Certification for Beneficiary Status filed with the Court.**
- 2. Beneficiary requests and directs that the Trustee make the payments described in this application and Attachment A to this Form.**
- 3. This application contains all information and certifications required by Paragraph 5.2 of the Trust Agreement, and the Trustee may rely on this application, Attachment A, and related certifications in making disbursements of trust funds for the aforementioned Project ID.**
- 4. Any vendors were or will be selected in accordance with a jurisdiction's public contracting law as applicable. (5.2.5)**
- 5. Beneficiary will maintain and make publicly available all documentation submitted in**

support of this funding request and all records supporting all expenditures of eligible mitigation action funds subject to applicable laws governing the publication of confidential business information and personally identifiable information. (5.2.7.2)

DATED: 4/13/2022

Kelly Farr

[NAME] P. Kelly Farr
[TITLE] Executive Director

Governor's Office of Planning and Budget

[LEAD AGENCY]

for

Georgia

[BENEFICIARY]

Supplemental D-4 Form Summary Document

- 1. Explanation of How the Funding Request Fits into Beneficiary's Mitigation Plan (5.2.1):** This funding request is the third of what is expected to be four allocation requests to fund the projects described in the Beneficiary Mitigation Plan for the State of Georgia. This funding request is for the replacement of aging, higher-polluting diesel transit buses with battery electric buses and the purchase of new electric bus charging infrastructure. As stated in the Beneficiary Mitigation Plan for the State of Georgia issued on January 30, 2018, the overall goals of the plan are to:
 - Reduce overall NOx emissions in the State;
 - Implement Eligible Mitigation Actions in areas not meeting the national ambient air quality standard for ozone or in an ozone maintenance area;
 - Implement Eligible Mitigation Actions that further Georgia's energy, environmental, and economic development goals, including those that support improved mobility;
 - Implement Eligible Mitigation Actions with SMART (Specific, Measurable, Attainable, Realistic, and Timely) emissions reductions;
 - Implement Eligible Mitigation Actions by working with entities that have administrative and programmatic structures in place for implementing diesel emissions reduction projects;
 - Implement Eligible Mitigation Actions that can be completed within three years of request date; and
 - Implement Eligible Mitigation Actions requiring no administrative costs from the State Trust funds for implementation.

The projects described in this allocation request meet all of the goals stated above. Additionally, the attached request replaces 10 diesel transit buses with battery electric buses and purchases electric charging infrastructure.

- 2. Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):** On April 30, 2018, the U.S. Environmental Protection Agency designated seven counties in the Atlanta Metropolitan Area as nonattainment for the 2015 national ambient air quality standard for ozone. The Atlanta Metropolitan Area is the only area in Georgia that does not meet the U.S. Environmental Protection Agency's national air quality standard for ozone. Reducing ground level ozone remains important because high levels can adversely impact the respiratory system and cardiovascular health. NOx, when combined with volatile organic compounds (VOCs) and sunlight, reacts to form ground level ozone.

Funding the Xpress projects will benefit the Atlanta Metropolitan Area by reducing NOx emissions from commuter buses. NOx emissions reductions of approximately 100 percent are expected. Georgia's third allocation will include the replacement of ten additional diesel buses with battery electric buses and the purchase of electric charging infrastructure.

The Atlanta-Region Transit Link Authority (ATL) manages the Xpress transit bus system, which operates in 12 Atlanta Metropolitan Area counties with ridership from 40 counties. The Xpress

Supplemental D-4 Form Summary Document

buses provide Atlanta Metropolitan Area commuters with transportation options.

3. **Estimate of Anticipated NOx Reductions (5.2.3):** The NOx emissions reductions for replacing 10 older, higher-emitting transit buses with new, electric buses were calculated using EPA's Diesel Emission Quantifier (DEQ)¹.

	Estimate
Bus Model Year	2004 (10)
Est. Sum of NOx Reduced per Year (short tons)	5.029
Est. Sum of Lifetime NOx Reduced (short tons)	5.029
Est. Average of Percent NOx Reduced (%)	100%

4. **Eligible Mitigation Action Management Plan Including Detailed Budget and Implementation and Expenditures Timeline (5.2.4).**

Period of Performance: 10/15/2018 through 12/31/2022

Budget Category	Total Approved Budget – Draw #1	Total Approved Budget – Draw #2	Total Approved Budget – Draw #3	Share of Total Budget to be Funded by the Trust	Cost-Share if applicable (Atlanta-Region Transit Link Authority)
1. Equipment Expenditure	\$36,839,255.00	\$2,027,650.00	\$12,398,299.00	\$47,758,223.00	\$3,506,981.00
2. Contractor Support	\$0.00	\$0.00	\$206,066.00	\$20,082.00	\$185,984.00
3. Subrecipient Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4. Administrative (15% Cap)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Project Totals	\$36,839,255.00	\$2,027,650.00	\$12,604,365.00	\$47,778,305.00	\$3,692,965.00

5. **Identification of Governmental Entity Responsible for Reviewing and Auditing Expenditures of Eligible Mitigation Action Funds to Ensure Compliance with Applicable Law (5.2.7.1):** The

¹ <https://cfpub.epa.gov/quantifier/index.cfm?action=user.account&fwlpk=29>

Supplemental D-4 Form Summary Document

Governor's Office of Planning and Budget (OPB) will be responsible for reviewing and auditing expenditures of eligible mitigation action funds. OPB will require agencies to submit payment requests along with supporting documentation before releasing payments. All funds are tracked by identifiers necessary to maintain accounting records as required by budgetary statutes and by generally accepted accounting principles. At a lower level, funds will be tracked by fund source and project. The fund source identifies the source or origin of the funds whereas the project identifies the intended purpose of the funds. The Georgia Environmental Protection Division will review estimates of NOx emission reductions for funded projects.

6. **Describe How the Beneficiary Will Make Documentation Publicly Available (5.2.7.2):** Section 4.2.7 of the State Trust Agreement describes Georgia's obligations with regard to consideration of public input on the Beneficiary Mitigation Plan for the State of Georgia, and for providing the public with access to all documentation and records submitted to the Trustee, including those submitted in support of each funding request made by OPB for State Trust funds. The public input plan and public access plan is contained in Certification Form D-3, which was submitted by Georgia to the Trustee on October 13, 2017 and is described below. OPB created the OPB VW Mitigation Webpage, which can be found at <https://opb.georgia.gov/vw-settlement-agreement>. The OPB VW Mitigation Webpage provides information regarding the State Trust Agreement and the State Trust. Documents submitted by Georgia to the Trustee will be available to the public on the OPB VW Mitigation Webpage including those submitted in support of each funding request. Information will also be available to the public on the Trustee's website at <http://www.vwenvironmentalmitigationtrust.com>. The OPB VW Mitigation Webpage will be updated as needed.
7. **Describe Any Cost Share Requirement to be Placed on Each NOx Source Proposed to be Mitigated (5.2.8):** The State of Georgia owns and operates the assets associated with the current request. The funds will be used to execute the replacement of buses. The Atlanta-Region Transit Link Authority has also received a federal Low or No Emissions Vehicle grant 5339 (c) that will share partial cost of the bus replacement and infrastructure associated with battery electric buses. The costs of construction for the bus depot and charger bay necessitated by the purchase of new electric buses will not be funded by the trust funds and have not been included in this draw. All administrative costs and additional requirements associated with equipment for Georgia Transit operations will be purchased and maintained by the state.
8. **Describe How the Beneficiary Complied with Subparagraph 4.2.8, Related to Notice to U.S. Government Agencies (5.2.9):** Georgia and the Governor's Office of Planning and Budget (as the lead Agency) received beneficiary notice on Monday, January 30, 2018. On February 21, 2018, OPB provided email correspondence to the Department of Interior and Department of Agriculture with its attached Mitigation plan to ensure compliance with section 4.2.8 of the

Supplemental D-4 Form Summary Document

Consent Decree.

9. **If Applicable, Describe How the Mitigation Action Will Mitigate the Impacts of NOx Emissions on Communities that have Historically Borne a Disproportionate Share of the Adverse Impacts of Such Emissions (5.2.10):** The new electric transit buses funded by this allocation will be deployed in the Atlanta Metropolitan Area. The Atlanta Metropolitan Area bears a disproportionate share of the NOx burden in Georgia, including impacts resulting from the VW defeat devices, for the following reasons:
- NOx emissions contribute to ground level ozone formation. The Atlanta Metropolitan Area is the only area of the state that is not meeting the current ozone standard (NAAQS). Seven counties in the Atlanta Metropolitan Area are in nonattainment status of the 2015 ozone standard. Fifteen counties in the Atlanta Metropolitan Area are in the 2008 ozone maintenance area;
 - The Atlanta Metropolitan Area is disproportionately impacted by mobile source NOx emissions: 81.6% of the NOx emissions in the Atlanta Metropolitan Area come from mobile sources versus 66.7% statewide; and
 - Seven of the top ten counties in Georgia with the highest number of affected VW diesel vehicles are in the Atlanta Metropolitan Area.

**APPENDIX B – ELIGIBLE MITIGATION ACTION MANAGEMENT PLAN INCLUDING DETAILED
PROJECT BUDGET AND IMPLEMENTATION EXPENDITURES TIMELINE**

**PROJECT MANAGEMENT PLAN
PROJECT SCHEDULE AND MILESTONES FOR DRAW #3**

Milestones for Draw #3 Funding	Date
Lead Agency Identifies Project Sponsor's Potential Project in Mitigation Plan	01/30/2018
Lead Agency Provides Notice of Availability of Mitigation Action Funds	02/01/2018
Electric Bus Infrastructure Design, Engineering, and Utility Coordination Begins	04/01/2018
Electric Bus Deployment and Infrastructure Operationalization Planning <ul style="list-style-type: none"> ▪ Outreach to other electric bus operators and manufacturers to further determine scope of facility retrofit that will need to occur for electric buses to have adequate maintenance bays and charging facilities. ▪ Coordination with Utility provider regarding Power Delivery Services and Rate Structure. ▪ Development of optimal charging strategy to minimize overall operating costs associated with deployment of electric commuter buses. ▪ Coordination and acquisition of potential project sponsor(s), suppliers, and funding sources. ▪ Acquisition of federal grant funding and utility provider sponsorship for electrical infrastructure. ▪ Development of contractual and procurement requirements prior to Draw Submission. 	04/01/2018 to 03/23/2022
Project Sponsor Submits Proposal and Cost Information to Lead Agency for Draw #3	04/13/2022
Lead Agency Certifies Project Sponsor's Proposal and Cost Information for Draw #3	04/13/2022
Lead Agency Transmits Funding Request to Trustee for Draw #3	04/13/2022
Trustee Acknowledges Receipt of Project Certification and Funding Direction for Draw #3	TBD
Project Sponsor Enters into Bus Purchase Contract (10 replacement buses) – Start	TBD
Project Sponsor provides detailed invoices for all claimed project costs and required certification documents to Lead Agency	08/01/2022 to 04/01/2023
Lead Agency reimburses Project Sponsor for project amount	TBD
Project Sponsor's Implementation Activities for Electric Bus Infrastructure - End	04/01/2023
Project Sponsor's Bus Purchase Contract (10 replacement buses) - End	04/01/2023
Project Sponsor Certifies Project Completion	06/01/2023
Lead Agency Reports Project Completion	06/01/2023

PROJECT BUDGET FOR DRAW #3**Period of Performance: 10/15/2018 through 12/31/2022**

Budget Category	Total Approved Budget – Draw #1	Total Approved Budget – Draw #2	Total Approved Budget – Draw #3	Share of Total Budget to be Funded by the Trust	Cost-Share if applicable (Atlanta-Region Transit Link Authority)
1. Equipment Expenditure	\$36,839,255.00	\$2,027,650.00	\$12,398,299.00	\$47,758,223.00	\$3,506,981.00
2. Contractor Support	\$0.00	\$0.00	\$206,066.00	\$20,082.00	\$185,984.00
3. Subrecipient Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4. Administrative (15% Cap)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Project Totals	\$36,839,255.00	\$2,027,650.00	\$12,604,365.00	\$47,778,305.00	\$3,692,965.00

State of Georgia – Draw #3 Detail

Unit	# of Units	Cost Per Unit	Total Cost Draw #3
MCI D45 CRTe LE Electric Commuter Coach	10	\$1,089,890.00	\$10,898,900.00
Depot Charger	10	\$120,606.00	\$1,206,060.00
Depot Dispenser	10	\$15,703.00	\$157,030.00
Depot Charger Installation	1	\$10,000.00	\$100,000.00
Maintenance Bay Charger & Dispenser	1	\$136,309.00	\$136,309.00
Maintenance Bay Charger Installation	1	\$10,000.00	\$10,000.00
Maintenance Charger Site and Electrical Upgrades	1	\$96,066.00	\$96,066.00
Draw Total		\$1,478,574.00	\$12,604,365.00

PROJECTED TRUST ALLOCATIONS:

	2017-2021	2022	Subsequent Draw	Totals
1. Anticipated Annual Project Funding Request to be paid through the Trust	\$38,866,905.00	\$8,911,400.00	\$15,846,420.56	\$63,624,725.56
2. Anticipated Annual Cost Share	\$0.00	\$3,692,965.00	\$0.00	\$3,692,965.00
3. Anticipated Total Project Funding by Year (line 1 plus line 2)	\$38,866,905.00	\$12,604,365.00	\$15,846,420.56	\$67,317,690.56
4. Cumulative Trustee Payments Made to Date Against Cumulative Approved Beneficiary Allocation	\$38,866,905.00	\$38,866,905.00	\$63,624,725.56	---
5. Current Beneficiary Project Funding to be paid through the Trust (Draw #3)	\$0.00	\$8,911,400.00	\$0.00	---
6. Remaining Annual Beneficiary Project Funding to be paid through the Trust (Draw #4)	\$0.00	\$0.00	\$0.00	---
7. Total Funding Allocated to Beneficiary, inclusive of Current Action by Year (line 4 plus line 5)	\$38,866,905.00	\$47,778,305.00	\$63,624,725.56	---
8. Beneficiary Share of Estimated Funds Remaining in Trust	\$63,624,725.56	\$15,846,420.56	\$0.00	---
9. Net Beneficiary Funds Remaining in Trust after all Annual Project Funding is Requested (line 8 minus line 7)	\$24,757,820.56	\$15,846,420.56	\$0.00	---

Attachment C**Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11).**

Georgia's lead agency, the Governor's Office of Planning and Budget, has created the OPB VW Mitigation Webpage at <https://opb.georgia.gov/vw-settlement-agreement>. Documents submitted by Georgia to the Trustee in accordance with paragraph 7 of the Beneficiary Certification will be available to the public on the OPB VW Mitigation Webpage, including Appendix D-4 "Beneficiary Eligible Mitigation Action Certification Form" and the semi-annual reporting required by Section 5.3, "Beneficiary Reporting Obligations" in Attachment A of the Environmental Mitigation Trust Agreement for State Beneficiaries. The semi-annual reports shall include the following information for each project:

1. Number of new electric/diesel buses deployed during the semi-annual reporting period and during the project (rolling total);
2. Number of new electric/diesel buses currently on order;
3. Number of buses disposed during the semi-annual reporting period and during the project (rolling total);
4. Any changes to the project plan during the semiannual period;
5. Project status for the installation and deployment of charging infrastructure, if applicable;
6. VW mitigation funds utilized to accomplish the project, to date; and actual/projected date for completion of the project.

APPENDIX D – DETAILED COST ESTIMATES FROM SELECTED OR POTENTIAL VENDORS FOR EACH PROPOSED EXPENDITURE EXCEEDING \$25,000

Class	#	Coach #	VIN	Old Bus MY	Old Bus (MPG)	Annual Fuel Used (Gallons)	Annual Vehicle Miles Traveled (VMT)	Old Bus Average Annual Idling Hours	Old Bus Fuel Type (example ULSD)	Remaining Service Life If There Was No Early Replacement
8	1	300	1M8PDMPA04P056186	2004	4.58	3487	15,969	2760	ULSD	0
8	2	301	1M8PDMPA64P056208	2004	4.34	3233	14,017	2760	ULSD	0
8	3	302	1M8PDMPA84P056209	2004	4.51	3621	16,329	2760	ULSD	0
8	4	303	1M8PDMPA44P056210	2004	3.35	5136	17,187	2760	ULSD	0
8	5	304	1M8PDMPA64P056211	2004	3.90	4284	16,697	2760	ULSD	0
8	6	305	1M8PDMPA84P056212	2004	4.11	3348	13,751	2760	ULSD	0
8	7	306	1M8PDMPA4P056213	2004	4.42	2700	11,929	2760	ULSD	0
8	8	307	1M8PDMPA14P056214	2004	4.36	3591	15,650	2760	ULSD	0
8	9	308	1M8PDMPA34P056215	2004	3.61	3576	12,919	2760	ULSD	0
8	10	309	1M8PDMPA54P056216	2004	4.00	3108	12,418	2760	ULSD	0

Annual Vehicle Miles Traveled (VMT) average per bus	New Bus Average Annual Idling Hours
14,687	0



October 12, 2021

David Cassell
Strategic Programs Administrator
State Road & Tollway Authority (SRTA)
245 Peachtree Center Avenue, Suite 2200
Atlanta, GA 30303

Subject: Pricing for Ten (10) MCI D45 CRT LE Charge Coaches

Dear David,

This letter is to offer pricing to State Road & Tollway Authority (SRTA) for ten (10) MCI D45 CRT LE Charge coaches.

Price for the MCI D45 CRT LE Charge coach is \$1,089,890.00 per coach and does not include Georgia local, State and Federal taxes in the above number. The sales order is included for your review.

Please note, the proposed ESS capacity is 440 kWh, the most available, and comes with 12-year warranty included in the price above.

At this time a front charging port is not under development and will not be available for these coaches. We would propose that our Infrastructure Solutions team schedule some time to meet with you, review your layout and provide alternate solutions that meet your needs.

The charger pricing proposal is under review by our executive leadership and will be forwarded to you shortly.

MCI/New Flyer thanks you for your consideration of the above ten (10) MCI D45CRT LE Charge coaches, as well as the ten (10) Electric charger and dispensers and looks forward to supplying your equipment needs. If you have any questions you can contact Lou Quaglia at 484-663-4742 or Cameron Huber.

Sincerely,

Cameron Huber

Cameron Huber, P.Eng.
Business Segment Director
Cameron.Huber@newflyer.com
New Flyer / MCI

CC:

Jaspreet Singh (New Flyer)
Mike Harpin (MCI)
Lou Quaglia (MCI)



Exhibit B
Georgia Regional

Date: 9/16/2021
Spec #: C-17246

Quantity: 10

GRTA

Customer Order #

Customer # U6383

MCI D45 CRT LE CHARGE (MY2022)

Feature/Option #	Feature/Option Title	Qty
<u>Standard Features</u>		
Standard	Semi-monocoque low-corrosion stainless steel frame	1
Standard	Composite exterior body panels	1
Standard	Bi-part style front entrance door	1
Standard	Front and rear energy absorbing bumpers	1
Standard	Single pane side sash (optional dual pane)	1
Standard	Laminated safety glass on entrance doors	1
Standard	MCI patented low entry vestibule with mid-coach bi-part entrance door and retractable ramp	1
Standard	MCI exclusive spiral entrance stairway with SST or yellow grab rails	1
Standard	Scissor style powered windshield blinds	1
Standard	Keyed Alike exterior door locks	1
Standard	Additional air vent in LH front parcel rack for driver	1
Standard	Flat composite baggage bay floors	1
Standard	Bendix ADB22X disc brakes	1
Standard	Unitized Wheel End (UEW) bearings on all axles	1
Standard	ZF independent front and tag axle suspension system with premium Sachs shocks and wide stance drive axle 1 suspension system	1
Standard	MCI Dynamic Suspension System (MDSS), includes full high/low rise and kneeling features	1
Standard	Variable assistance power steering	1
Standard	Steerable tag axle (passive)	1
Standard	Tag unload feature (electric)	1
Standard	Tag dump feature (manual)	1
Standard	Maintenance air supply located at the front and rear of coach	1
Standard	Doga electric windshield wipers	1
Standard	15 gallon DEF tank	1
Standard	Electric Bitzer A/C compressor	1
Standard	R134a refrigerant	1
Standard	Brushless evaporator and condenser motors	1
Standard	Standard Electronic manuals only (Thumb Drive)	1
Standard	Remote and heated exterior mirrors	1
Standard	Driver's barrier	1
Standard	Transit style PA system	1
Standard	Automatic Traction Control system (ATC)	1
Standard	Electronic Stability Program (ESP)	1
Standard	6-channel Antilock Braking System (ABS)	1
Standard	Parcel rack tether system	1
Standard	3-point passenger seat belts (FMVSS 210)	1
Standard	Parker-Vansco multiplexing system	1
Standard	Parker-Vansco multi-function instrument panel	1

Customer Initials: _____ Date: _____

Spec #: C-17246

Printed by Michael Harpin on:
9/16/2021



Georgia Regional

Customer Order # SR-6016
(A26511)

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Standard	12V power supplies in driver's area and parcel rack	1
Standard	LED interior aisle lighting	1
Standard	Exterior LED lighting includes; turning indicator, marker/clearance, brake, reverse, and daytime running lights (DRL)	1
Standard	LED baggage bay lights	1
Standard	LED headlights	1
Standard	Back-up alarm	1
Standard	Provisions for destination signs	1
Standard	Siemens ELFA-2 drive motor: 300 kW/3320 lb-ft	1
Standard	XALT 63 Ah NMC batteries: 440 kWh	1
Standard	CCS-1 DC fast charge port: 150 kW charging rate	1

Coach Dimensions

Overall length: 45.82 ft / 13.97 m
 Wheelbase: 315 in. / 8.00 m
 Overall width: 102 in. / 2.59 m
 Height to roof hatches: 138 in. / 3.50 m
 Front overhang: 78.25 in / 1.98 m
 Rear overhang : 101.25 in / 2.57 m
 Turning radius: 41 ft / 12.5 m
 54,000 lb / 24,494 kg GVWR
 17,000 lb / 7,711 kg front GAWR
 23,000 lb / 10,433 kg drive GAWR
 16,500 lb / 7.484 kg tag GAWR

Certifications / Compliances

1.0.1	BUY AMERICA ACT COACH (BAA)	1
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Lavatory & Lavatory Accessories

1.1.19	DELETE BASIC CHEMICAL TYPE LAVATORY WITHOUT WASH BASIN	1
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Windows

1.2.48	REAR EXTERIOR WINDOW	1
1.2.49	DOUBLE GLAZED, FRAMELESS PASSENGERS WINDOWS	1
STANDARD	NON-HEATED DRIVER'S WINDOW	1

Interior Trim

1.3.21	FABRIC ON SIDEWALL	1
1.3.31	PVC ON EXTERIOR BOTTOM PANELS OF PARCEL RACK	1
1.3.44	VINYL PARCEL RACK FLOOR	1
STANDARD	SS GRAB RAILS	1

Interior Flooring

1.3.46	ALUMINUM STEP EDGE	1
1.3.51	TARABUS FLOORING	1



Georgia Regional

Customer Order # SR-6016
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1.3.51.014	FLOORING COLOR - TARABUS HELIOS NT 8805 PALLADIUM	1
1.3.53.3	WHITE STEP NOSING	1
STANDARD	WHITE STANDEE LINE	1

Miscellaneous Interior

STANDARD	LOCKING PARCEL RACK COMPARTMENT - #1 LH	1
STANDARD	LOCKING PARCEL RACK COMPARTMENT - #2 LH	1
1.4.82	PARCEL RACK COMPARTMENT WITHOUT DOORS (TO INCLUDE CORDS)	1
1.4.85.4	DRIVER'S BARRIER WITH CLEAR SHIELD	1
1.4.106	PARCEL RACK STRUT COVERS	1
STANDARD	FLOOR / STEERING MOUNTED COLUMN TURN SIGNAL CONTROLS	1

Safety Equipment

1.6.22	SMARTIRE - SMARTWAVE FULL FUNCTION DISPLAY, IN-DASH	1
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Paint & Lettering

1.7.29	ONE COLOR PAINT (IMRON ELITE) - SOLID OR METALLIC	1
CUSTOM PAINT:	COLOR: See Paint & Lettering , MFG NO.:	1

Miscellaneous Exterior

1.8.18	BI-PARTING ENTRANCE DOOR	1
1.8.79.1	78 INCH WHEELCHAIR RAMP FOR PASSENGER LOADING FROM GROUND LEVEL OR CURB	1
1.8.106	BAGGAGE DOORS WITH KEYED ALIKE & CENTRAL ELECTRICAL LOCKING FEATURE	1

Nameplates, Decals & Fleet Numbers

1.10.18	DELETE ALL EXTERIOR LOGOS	1
1.10.22.1	VIN PLATE - USA	1
1.10.23	ENGLISH/SPANISH DECALS	1
1.10.25	SEAT RESERVATION MARKERS - NAMEPLATES	1

Bumpers and Rub Rails

STANDARD	2" RUBBER RUB RAILS	1
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Vehicle Key Code

Key Code: FA0179/14523

Delivery Location

1.16.1.9	DELIVERY TO CUSTOMER FACILITY	1
1.16.1.6	Delivery Location: SOUTH OPS 5250 FRONTAGE ROAD FOREST PARK GA 30297	1

Heat & Air Conditioning

2.2.11.1	AUXILIARY PARCEL RACK A/C	1
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Lights and Reflectors

3.1.11	ILLUMINATED PASSENGER SIGNAL SIGN AT FRONT OF COACH	1
3.1.37	PARCEL RACK WINDOW LIGHTS	1
STANDARD	HEADLIGHTS - 90MM LED	1
3.1.43	CONVERSION STYLE DOCKING LAMPS IN REAR FENDERS	1
3.1.46	LED STEPWELL LIGHTING	1
3.1.47	VESTIBULE CENTER WALL LIGHTING	1

Instrumentation

3.2.37.3	GAUGES FOR SPEEDOMETER - USA	1
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Radio & P.A. System

STANDARD	TRANSIT STYLE PA SYSTEM	1
3.3.66	SLIDING ELECTRONIC EQUIPMENT TRAY LOCATED ABOVE VESTIBULE	1
3.3.66.1	SLIDING ELECTRONIC EQUIPMENT TRAY LOCATED IN #2 LH PARCEL RACK	1

Electrical & Miscellaneous Electrical Accessories

3.6.12	PASSENGER SIGNAL CHIME SYSTEM INSTALLED	1
STANDARD	THREADED BATTERY POSTS	1
STANDARD	2 - 1150 AGM BATTERIES	1
3.6.39	POWER OUTLETS W/110 VOLT DUPLEX PLUGS AND TWO USB PORTS (REF J4500 OPT 7.05.128)	1

Multiplexing

STANDARD	PARKER MULTIPLEX SYSTEM	1
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Brakes and Air System

4.1.11	BRAKE DUST SHIELDS - ALL AXLES	1
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Engine Cooling System

STANDARD	MP BOOST PUMP	1
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Engine & Engine Accessories

4.3.110	SIEMENS ELFA-2 DRIVE MOTOR, 300 KW/3320 LB-FT	1
GOVERNOR	GOVERN SPEED - 70 MPH	1

Wheels, Wheel Accessories & Tires

4.5.23	ALCOA HUB PILOTTED WHEEL POLISHED BOTH SIDES FINISHED IN 22.5 X 9.00 WITH A1 DURABRITE FINISH	1
4.6.8.310	FIRESTONE FS400 TIRES SIZE: 315/80 R22.5 J-RATED	8
4.6.9	DELETE SPARE TIRE	1

Transmission & Transmission Accessories

4.7.33.15	REAR AXLE - RATIO 4.7	1
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4.7.51 GLADHANDS AT FRONT FOR TOWING, BLUE LINE FOR SERVICE BRAKES AND RED LINE FOR 1
AIR SUPPLY W/COLE HERSEY #12063 7 PIN CONNECTOR FOR ELECTRICAL TOWING SIGNALS
STANDARD BELT & BULB KIT 1

Seating & Trim

5.0.TBA NON-STANDARD PASSENGER SEATING SELECTION 1
6.1.09.2 CLASSIC UPHOLSTERY STYLE 1
6.1.10.7 BUY AMERICA COMPLIANT - NON STANDARD SEATS 1
6.1.10.8 DEFENDER ANTI-BACTERIAL COATING - NON STANDARD SEATS 1
6.5.57 THREE POINT PASSENGER SEAT BELTS 1
6.5.58.4 QUANTUM SYSTEM TO SECURE FWD WHEELCHAIR PASSENGER & SIDEWALL MOUNTED 1
SHOULDER BELTS AND FLOOR MOUNTED ELEC RESTRAINTS TO SECURE RWD WHEELCHAIR
PASSENGERS

Driver Seat & Driver Seat Options

6.8.17.5 USSC 9100 ALX-3 AIR RIDE DRIVER'S SEAT WITH ARMRESTS, W/O SEAT CUSHION ALARM & 3- 1
POINT SEAT BELT
6.10.TBA RH STANDARD BLACK VINYL ARMREST WITH BLACK PLASTIC BASE ON USSC 9100 ALX/ALX-3 1
DRIVER'S SEAT
6.10.TBA LH STANDARD BLACK VINYL ARMREST WITH BLACK PLASTIC BASE ON USSC 9100 ALX/ALX-3 1
DRIVER'S SEAT

User Defined Specials

SPECIAL_PS 1

S 3.6.276.11 PARKER MULTIPLEX SYSTEM - COACH PROGRAMMING 1

Special-2 S1.3.358 : PROJECT FUSION-REWORK-FLOORING 1

Special-3 S1.4.794.5 : MULTI POCKET TAKE ONE HOLDER ONE 8.5 INCH X 11 HOLDER AND 3 BROCHURE 1
HOLDERS.

Special-4 S1.4.820.39 : TO INCLUDE ALL WIRING PROVISIONS 24 VOLT AND 15 AMP POWER SOURCE. TO 1
INCLUDE CUBIC WIRING HARNESS AS WELL. TO INCLUDE PRE-DRILLED FAREBOX BASE,
MODIFIED TO ALIGN WITH CUSTOMER-PROVIDED TEMPLATE.
NOTE: CUSTOMER INSTALLING A GFI FASTFARE 36 INCH FAREBOX MODEL.



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- Special-5 S1.4.942.3 : FULL LENGTH LOCKING PARCEL RACK DOOR AT #1 RH WITH KEYED ALIKE LOCKS. 1
(FORD LOCKS).

- Special-7 S1.7.212 : PAINTED HUBS IN SILVER METALLIC (DUPONT SILVER N0217) WITH ALUMINUM 1
WHEELS IN LIEU OF CHROME HUB COVERS

- Special-8 S1.8.614.27 : PROVISIONS FOR A SPORTSWORK APEX TWO BIKE RACK WITH INSTALLED 1
MOUNTING PROVISIONS (PIVOT PLATE). FOR MOUNTING A SPORTSWORKS TWO BIKE BUMPER
MOUNT BIKE RACK AND WITH THE TWO BIKE BUMPER MOUNT BIKE RACK SHIPPED LOOSE IN
BAGGAGE BAY.

- Special-9 S1.8.797 : FUSION REWORK-BAGGAGE BAY DOORS 1

- Special-10 S1.9.186.3 : HANOVER DISPLAYS WHITE PUNFOLD LED DESTINATION SIGN SYSTEM TO 1
INCLUDE:
-FRONT DESTINATION SIGN 15 X 128 - 6.0 IN
-CURBSIDE DESTINATION SIGN 15 X 112 - 6.0 IN
-CONTROLLER AND INTERCONNECTING CABLES

- Special-11 S1.10.188 : ELECTRICAL TERMINAL COMPT DECAL 1

- Special-12 S1.10.205 : BATTERY DISCONNECT SWITCH INSIDE DECAL INSTALLED ON EXTERIOR OF 1
BATTERY DOOR.



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- Special-13 S1.10.291.6 : GRTA SPECIFIC INTERIOR & EXTERIOR NAMEPLATES & DECALS TO INCLUDE: 1
 INSTALL 3 INCH FLEET NUMBERS (FLEET #2101- 2114) NEXT TO THE STOP REQUEST SIGN
 TO THE RIGHT OF THE NO SMOKING, NO EATING OR DRINKING, RADIO SILENT DECAL.
 -DECAL, UPON REQUEST OF THE OPERATOR OR OTHER AUTHORIZED PERSON, PLEASE VACATE
 THESE SEATS TO MAKE ROOM FOR SENIOR CITIZENS, PEOPLE WITH DISABILITIES, OR
 PREGNANT PASSENGERS LOCATED AT #1 L.H. & R.H. PASSENGER SEATS.
 -DELETE PINK DECAL INDICATING NEW COACH PAINT REQUIRING HAND WASHING FOR
 30DAYS,
 -INSTALL A 3M DECAL FOR FRONT HEADER MADE TO THE FOLLOWING: 13 1/2 INCH LONG BY 6
 INCH WIDE WITH WHITE BACKGROUND TO READ ALONG WITH THE APPROPRIATE 3 1/2 INCH
 SYMBOLS UNDER EACH STATEMENT IN RED, BLACK AND WHITE: NO SMOKING, EATING, OR
 DRINKING, RADIO SILENT
 - WATCH YOUR STEP NAMEPLATE INSTALLED ON FRONT & VESTIBULE STEPRISER BLACK
 LETTERS ON WHITE BACKGROUND WITH ORANGE WARNING PER ANSI STANDARD Z535.1
- Special-14 S1.10.291.6 : -DECAL FRONT HEADER AREA: NO SOLICITATION; 1
 NO STANDING FORWARD OF STANDEE LINE, REMAIN SEATED DO NOT TALK TO DRIVER DO
 NOT CROSS IN FRONT OF BUS DECAL INSTALLED ON FRONT RH DASH FACING THE ENTRANCE
 WAY. CAUTION & WARNING MESSAGES TO BE ON METAL PLATES & RIVETED TO COACH
 -WARNING DECAL TO BE INSTALLED IN CONDENSER FAN COMPARTMENT
 - SHIP LOOSE DECAL READING: BILLS OVER \$5 NOT ACCEPTED-DRIVER DOES NOT HAVE
 CHANGE.
 -INSTALL CELLPHONE WITH HEADSET DECAL. WORDING: RESPECT OTHER PASSENGERS TO
 MAINTAIN PRIVACY AND COMFORT PLACE ALL MOBILE DEVICES ON SILENT.
 -INSTALL DECAL ON REAR DOOR "DO NOT PASS ON RIGHT"
- Special-15 S1.12.TBA : NON STANDARD QTY OF MANUALS: 1
 - 10 PAPER MAINTENANCE AND PARTS
 -150 OPERATORS
 -10 CD'S
 -10 FLASH DRIVES
- Special-16 S1.14.15.3 : DELETE LOCK ON MID DOOR AND ENTRANCE DOOR. 1
- Special-17 S1.14.50 : DELETE LOCK ON DEF FILL DOOR 1
- Special-18 S1.14.53 : DELETE LOCK ON FUEL DOOR 1



- Special-19 S1.15.103.24 : SAFE FLEET (HADLEY.BnR) EXTERIOR REARVIEW MIRRORS WITH MCI DCRT 1 MOUNTING BASES, BLACK ABS 10 INCH X 13 INCH SPLIT FACE HEADS, BALL AND COLLET HEAD TO ARM MOUNTING, QUAD MEMBRANE SWITCH CONTROLLED, HEATED REMOTE TOP FLAT MIRRORS, HEATED REMOTE WIDE-ANGLE BOTTOM CONVEX MIRRORS, IN-GLASS TURN SIGNALS, AUTO-RETURN 9 INCH STRAIGHT ARM ON THE STREETSIDE, AUTO-RETURN 15 INCH BENT ARM ON THE CURBSIDE AND, SIX INCH ROUND CONVEX MIRRORS BELOW BOTH STREETSIDE AND CURBSIDE ARMS. ALSO, WITH THE CURBSIDE MIRROR ASSY LOCATED AT APPROXIMATELY 80 INCHES FROM THE GROUND.
- Special-20 S2.2.131.3 : BRUSHLESS PARCEL RACK MOTORS 1
- Special-21 S2.2.152.8 : DRIVERS HVAC CONTROL/DISPLAY TO BE SET TO A FIXED TEMPERATURE OF 70 DEGREES FAHRENHEIT. CHANGE SETPOINT OF P/R A/C TO SAME AS DISPLAY. PARCEL RACK HVAC BLOWERS' SWITCHES TO BE SET TO A FIXED TEMPERATURE OF 70 DEGREES FAHRENHEIT.
NOTE: DRIVER HAS ON/OFF ACCESS ONLY. PROGRAMMING TO DISABLE DRIVER ACCESS TO CHANGE TEMPERATURE.
- Special-22 S3.1.252 : ALL INTERIOR LIGHTS TO BE EXTINGUISHED WHEN TRANSMISSION IS PLACED IN REVERSE, AND FLASHERS AUTOMATICALLY ACTIVATED.
- Special-23 S3.1.269.8 : TWO (2) L.E.D. AMBER DECELERATION LIGHTS AT REAR OF COACH WITH 56.7 INCH SPACING.
- Special-24 S3.1.278.4 : HAZARD WARNING LIGHTS AUTOMATICALLY ACTIVATED WHEN OPENING THE PASSENGER DOORS
- Special-27 S3.2.196 : A/C STOP WARNING LIGHT TELL-TALE TO ILLUMINATE WHEN THE A/C COMPRESSOR IS OFF.
- Special-28 S3.3.114.4 : THREE (3) POSITION SWITCH AND 2 CHANNEL PA, INSIDE, OUTSIDE AND BOTH AT THE SAME TIME FOR EXTERIOR SPEAKER IN LIEU OF BASIC.



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- Special-29 S3.3.136.5 : INCLUDE WIRING PROVISION FOR KENWOOD NX-820 MOBILE RADIO ON 1
EQUIPMENT PARCEL RACK #2 LH
(STREET SIDE RACK). NOT NEAR THE DRIVER. INSTALL THE RADIO ANTENNA BASE AND
TERMINATE IT IN EQUIPMENT PARCEL RACK #2 LH. SHIP LOOSE THE ANTENNA WHIP.
- Special-30 S3.3.145.19 : ADDITIONAL MICROPHONE JACK AND MOUNTING BRACKET WITH COVER 1
- UPPER R.H. CORNER ON PASSENGER SIDE OF R.H. MODESTY PANEL
- Special-31 S3.3.520 : INSTALL AN EMERGENCY ALARM SWITCH MADE BY OTTO CONTROLS P/N P3-90011 1
ON THE LH DRIVER'S CONSOLE, FACING THE DRIVER.
- Special-32 S3.3.620.174 : MCI TO INSTALL WIRING HARNESS FOR (10) APOLLO CAMERA, WIRING AND DVR 1
WIRING. CAMERA SYSTEM TO INCLUDE:
1-(1)LOOKING OUT FRONT WINDSHIELD
2-(1)ABOVE DRIVER FACING FAREBOX & ENTRANCE DOOR
3-(1) ABOVE STEPWELL FACING DRIVER
4-(1)AT FRONT LOOKING TO BACK OF COACH
5-(1)MIDDLE OF COACH LOOKING REAR
6-(1)LOOKING TO LOWER DOOR OR WCL DOOR
7-(1) REAR OF COACH LOOKING FRONT
8-(1)ON EXT CURBSIDE ABOVE ENT DOOR
9-(1)ON EXTERIOR STREETSIDE ABOVE DRIVERS' WINDOW
10-(1) ON EXT REAR OF COACH AS BACK-UP CAMERA
PROVISION FOR APOLLO DVR TO BE INSTALLED IN SLIDING EQUIPMENT TRAY LOCATED
ABOVE VESTIBULE. TWO ETHERNET CABLE TO BE ROUTED FROM THIS TRAY TO LH PR#2,
CONNECTING TO CLEVER. ADD THE FOLLOWING SIGNALS TO CAMERA SYSTEM: BRAKE
LIGHTS, TURN SIGNALS, EMERGENCY EVENT BUTTON, SPEEDOMETER, ENTRANCE DOOR
OPEN, REVERSE GEAR & WCLDOOR OPEN. PRE-DRILLED HOLES FOR ALL CAMERA
LOCATIONS.
- Special-33 S3.3.760 : CABLE TERMINATED ARE LONG ENOUGH IN EQUIPMENT TRAY FOR ALL EQUIPMENT 1
LIKE DVR, CLEVER, RADIO SO THAT CABLE TERMINATIONS WOULD NOT BREAK WHEN THE
TRAY IS SLIDE OPEN. LEAVE 1 FEET MORE THAN THE SPEC.



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- Special-34 S3.4.119.23 : PRE-WIRING FOR CLEVER AVL SYSTEM. CLEVER CLEAR VIEW INFOTAINMENT 1 SYSTEM, WIRING HARNESS & BRACKET IN VESTIBULE AREA TO ACCOMMODATE CLEVER DEVICE INSTALLATION OF TWO STOP REQUEST MONITORS (LED SIGNS) ABOVE THE ADA SEATS. INSTALL BRACKET MOUNT & PLATE AND WIRING FOR APC ON THE FRONT DOOR AND MIDDLE DOOR (ADA VESTIBULE DOOR).
ITEM#118-120-0145 BRACKET, APC MCI FRONT DOOR/VEST DOOR,
ITEM#118-120-0146 PLATE, APC MCI FRONT DOOR/ADA VEST DOOR.
- Special-35 S3.4.124.2 : INSTALL WIRING HARNESS AND BRACKETS FOR CLEVER CLEAR VIEW 1 INFOTAINMENT SYSTEM
- Special-36 S3.6.543.3 : WHEELCHAIR PASSENGER STOP REQUEST TELLTALE TO USE BLUE ICON INSTEAD 1 OF RED.
- Special-37 S3.6.549.2 : JULIAN ELECTRIC STYLE BOOSTER CONNECTOR 120ESCPP-B TO BE LOCATED IN 1 ENGINE COMPARTMENT.
- Special-38 S3.6.549.3 : SHIP LOOSE JULIAN ELECTRIC STYLE BOOSTER CONNECTOR 120ESCPL-B. 1
- Special-40 S3.6.583.17 : CUSTOMER SUPPLIED AND MCI INSTALLED LYTX DRIVECAM MODEL ER SF-300 1 CABLES.
NOTE: TRANSDEV TO INSTALL REMAINDER OF REQUIRED SYSTEM (CAMERA AND PANIC BUTTON/HARNESS) AFTER COACH DELIVERY.
- Special-41 S3.6.627.2 : PROVIDE A DRIVERS SEAT ALARM SIGNAL (THRU MUX PROGRAMMING) SO WHEN 1 PARK BRAKE IS NOT ENGAGED AND SEAT BELT IS NOT CONNECTED, AN AUDIBLE ALARM WILL SOUND AS WELL AS DRIVER OVERHEAD LIGHT AND OVERHEAD STEPWELL LIGHT WILL FLASH



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- Special-42 S3.6.712 : DISABLE LATCHING OF KNEELING DOWN FUNCTION, TO REQUIRE DRIVER TO HOLD 1 KNEEL DOWN SWITCH UNTIL COACH IS FULLY KNEELED.
NOTE: IF DRIVER RELEASES SWITCH BEFORE COACH IS FULLY KNEELED, COACH WILL STOP AND REMAIN AT CURRENT HEIGHT. KNEEL RECOVER SWITCH WILL STILL RECOVER WITH MOMENTARY SWITCH PRESS.
- Special-45 S4.1.188.3 : RELOCATE TAG UNLOCK AND TAG UNLOAD SWITCHES TO THE RJB. 1
- Special-47 S4.3.376 : MCI CONNECT TELEMETRY SYSTEM 1
- Special-50 S4.5.3 : NON-STANDARD WHEELS AND TIRES 1
- Special-51 S4.7.437.5 : FRONT DOOR INTERLOCKED WITH SERVICE BRAKE. SERVICE BRAKE TO ACTIVATE 1 WHEN FRONT DOOR IS OPEN. GUARDED MOMENTARY BY PASS SWITCH TO BE ADDED IN THE DESTINATION SIGN AREA TO BY-PASS INTERLOCK SYSTEM. ENTRANCE DOOR TO BE PREVENTED FROM OPENING OVER 2 MPH TO INCLUDE DISABLE OF THROTTLE WHEN DOOR IS OPEN. ADD A TELL TALE TO DRIVER'S DASH WHEN INTERLOCK OVERRIDE IS ENGAGED.
- Special-52 S4.7.465.3 : DISABLE THROTTLE WHEN PARK BRAKE IS APPLIED AND DISABLE THROTTLE 1 WHEN PARK BRAKE IS OFF AND COACH IN NEUTRAL.
NOTE: PARK BRAKE TO BE DISABLED EVEN WHEN PARK BRAKE KNOB IS OFF BUT PARK BRAKE STILL APPLIED.
- Special-53 S4.7.518.3 : TORQUE INDICATOR-WHEEL NUT (LIGHT BLUE) 1
- Special-54 S5.24.10.4 : 48 PASSENGER SEATS AMAYA A220 WITH STANDARD HEADREST, IN LIEU OF 1 OPTIONAL 52, W/O LAVATORY ARRANGEMENT.
- GRAB HANDLES: YES - VERTICALLY MOUNTED ON REAR SIDE OF AISLE SEATS. QTY: 22, LH: 1 - 14, RH: 1 - 2 & 4 - 9
- CENTER ARMRESTS: YES. QTY: 17, LH: 1 - 2 & 9 - 14, RH: 1 - 9
- NOTE: FOLD DOWN ARMRESTS ON AISLE SIDE SEATS - AMAYA SEATS



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Special-55 S6.8.57 : DRIVER'S SEAT - D45CRTLE, D45CRTeLE COACHES.

1



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Selected Upholstery / Fabrics

Location

Description

Passenger Seats

Headrest Face:	Morbern Vinyl - Charcoal-804
Headrest Side Boxing:	Camira - BEW 568
Cushion and Back Center:	Camira - BEX 422
Cushion and Back Outside:	Camira - BEX 422
Side Boxing:	Camira - BEW 568
Back Panel:	Premier Trim PRT 10
Seat Piping:	No Seat Piping

Driver's Seat

Headrest Face:	Black Vinyl
Cushion and Back:	Black Vinyl
Side Boxing:	Black Vinyl
Back Panel:	Standard Black Plastic

Interior Fabric

Front Dash Insert	Without Fabric
Right Modesty Panel, Front Side	Without Fabric
Driver Modesty Panel, Front Side	Without Fabric
Right Modesty Panel, Rear Side	Without Fabric
Driver Modesty Panel, Rear Side	Without Fabric
Sidewall	Without Fabric
Ceiling	Without Fabric
Bottom of Parcel Rack	Without Fabric
Rear Interior Enclosure Panel	Without Fabric

Entrance and Flooring

Flooring	Tarabus - Helios NT 8805 Palladium
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Matthews, Nicholas

From: David Cassell <dcassell@srta.ga.gov>
Sent: Monday, April 11, 2022 2:23 PM
To: Jordan Borders
Subject: FW: Question on Maintenance Bay Charger(s)
Attachments: GDOT SRTA PARK AND RIDE E-BUS ELEC_0621_2023.pdf; Preliminary Cost Estimate for SRTA E-BUS 6-25-21 FINAL.xlsx

This is the email w/Option 3.

From: Boudreau, John D <John.Boudreau@atkinsglobal.com>
Sent: Friday, June 25, 2021 5:56 PM
To: David Cassell <dcassell@srta.ga.gov>
Cc: Sanchez, Herman <Herman.Sanchez@atkinsglobal.com>; joe@cte.tv
Subject: FW: Question on Maintenance Bay Charger(s)

David,

Please find attached the revised preliminary drawings and cost estimate for the 1, 1+1, 5 and 10 electric bus charger scenarios.

The plans and cost estimate was revised to reflect Mr. Howell's recent comments to include one remote charger inside the maintenance facility and one charger located on the outside of the maintenance facility. The five and ten bus cost estimates were also revised to reflect the recent changes and to hopefully provide clarity.

Please let us know if you would like to discuss the preliminary plans or cost estimate further.

Thank you

John D. Boudreau, RLA
Senior Project Manager

Atkins, member of the SNC-Lavalin Group

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PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	Cost per unit	Cost
SRTA -ATL					
E- BUS DEPLOYMENT in S. OPERATIONS FACILITY					
23-Jun-21					
ALTERNATIVE #3 (10 Bus Deployment)					
A	EARTHWORK				
1	SAWCUT & REMOVE EXISTING CONCRETE CURB	LF	200	\$ 5.00	\$ 1,000.00
2	EXCAVATION OF DUCTBANKS	CY	771	\$ 16.00	\$ 12,336.00
3	BACKFILL* Estimate does not include the reconstruction of the parking lot slope and or the modification of the detention facility to relocate perimeter fence	CY	514	\$ 12.00	\$ 6,168.00
	EARTHWORK			SUBTOTAL	\$ 19,504.00
B					
EXTERIOR IMPROVEMENTS					
4	ADDING AND PAVING ALLOWANCE	LS	1	\$ 110,000.00	\$ 110,000.00
5	COMPACT SUBGRADE 12"	EST	372	\$ 3.50	\$ 1,302.00
6	REINFORCED CONCRETE PAVEMENT 8" DEPTH -ESTIMATE	SY	372	\$ 85.00	\$ 31,620.00
7	SOD REPLACEMENT	SY	49	\$ 10.00	\$ 490.00
8	CRASH RATED FIXED BOLLARD/S/ WITH FOUNDATIONS	EA	20	\$ 12,000.00	\$ 240,000.00
9	FENCE RELOCATION ESTIMATE	LF	800	\$ 100.00	\$ 80,000.00
10	CONCRETE PAD FOR CHARGERS (4.5'X3'X1')	EA	10	\$ 1,000.00	\$ 10,000.00
11	TEMPORARY SILT FENCE TYP C	LF	1000	\$ 6.50	\$ 6,500.00
12	PINE STRAW	SY	1000	\$ 4.50	\$ 4,500.00
	EXTERIOR IMPROVEMENTS			SUBTOTAL	\$ 484,412.00
C					
ELECTRICAL UPGRADES					
13	CONCRETE DUCTBANK (TYP A 36"X24")	CY	22	\$ 225.00	\$ 5,000.00
14	CONCRETE PAD 12"THICK FOR SWITCHBOARDS	SF	198	\$ 20.00	\$ 3,960.00
15	600 MCM THWN	CLF	40	\$ 2,400.00	\$ 96,000.00
16	#3/0 THWN GND	CLF	2	\$ 680.00	\$ 1,360.00
17	#2/0 THWN GND	CLF	16	\$ 600.00	\$ 9,600.00
18	#1/0 THWN GND	CLF	8	\$ 460.00	\$ 3,680.00
19	#4 THWN GND	CLF	6	\$ 240.00	\$ 1,440.00
20	#6 THWN	CLF	3	\$ 195.00	\$ 585.00
21	2" PVC CONDUIT (SCHEDULE 40)	LF	800	\$ 3.60	\$ 2,880.00
22	3" PVC CONDUIT (SCHEDULE 40)	LF	2000	\$ 6.50	\$ 13,000.00
23	3" PVC CONDUIT (SCHEDULE 40) FUTURE PLUG IN CHARGERS FOR 10 CHARGERS	LF	4000	\$ 6.50	\$ 26,000.00
24	4" PVC CONDUIT (SCHEDULE 40)	LF	800	\$ 14.00	\$ 11,200.00
25	5/8" OD X20' L COPPER CLAD STEEL GROUND	EA	8	\$ 360.00	\$ 2,880.00
26	SWITVHBOARD (2000 AMPS MCB, NEMA 3R 65 KAIC, W/(5) 300 AMPS CIRCUIT BREAKERS)(MATERIAL COST AS PER QUOTE INSTALL AND TAX INCLD)	EA	2	\$ 97,220.20	\$ 194,440.40
27	CONCRETE PULL BOXES 24"X24" X24"	EA	12	\$ 400.00	\$ 4,800.00
28	COORDINATION WITH EXISTING SITE ELECTRICAL ALLOWANCE	LS	1	\$ 8,500.00	\$ 8,500.00
29	MISC. SITE ELECTRICAL ALLOWANCE	LS	1	\$ 25,000.00	\$ 25,000.00

	ELECTRICAL UPGRADES				SUBTOTAL	\$ 410,325.40
	EARTHWORK, EXTERIOR IMPROVEMENTS AND ELECTRICAL UPGRADES				SUBTOTAL	\$ 914,241.40
	SITE AND ELECT UPGRADES WITH GC, BONDS OP CONTINGENCY 1.5 MULTIPLIER				SUBTOTAL	\$ 1,371,362.09
	SITE AND ELECT UPGRADES WITH GC, BONDS OP CONTINGENCY 1.5 MULTIPLIER X 2023				SUBTOTAL	\$ 1,481,071.06
	ESCALATION 1.08 = DEPOT CONSTRUCTION					
C	SUMMARY OF MAINTENANCE FACILITY AND DEPOT IMPROVEMENTS FOR 10 ELECTRIC BUS					
	SCENARIO					
C1	DEPOT CHARGER AND DISPENSER EQUIPMENT /DESIGN AND CO					
30	DEPOT CHARGER/DISPENSER (EQUIPMENT ONLY)	EA	10	\$ 136,309.00	\$ 136,309.00	\$ 1,363,090.00
31	DEPOT CHARGER/DISPENSER INSTALLATION	EA	10	\$ 10,000.00	\$ 10,000.00	\$ 100,000.00
32	DEPOT DESIGN & CONSTRUCTION MANAGEMENT (FOR 10 CHARGERS)	EA	1	\$ 215,000.00	\$ 215,000.00	\$ 215,000.00
33	DEPOT CONSTRUCTION SITE AND ELECT CHARGER UPGRADES (SEE ABOVE FOR DETAIL)	EST	1	\$ 1,481,071.06	\$ 1,481,071.06	\$ 1,481,071.06
C1	DEPOT CHARGER AND DISPENSER EQUIPMENT /DESIGN AND CO			SUBTOTAL	\$ 3,159,161.06	
C2	MAINTENANCE CHARGER AND DISPENSER EQUIPMENT /DESIGN AND CO					
34	MAINTENANCE BAY CHARGER/DISPENSER	EA	1	\$ 136,309.00	\$ 136,309.00	\$ 136,309.00
35	MAINTENANCE BAY CHARGER/DISPENSER INSTALL	EA	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
36	MAINTENANCE CONSTRUCTION SITE AND ELECT CHARGER UPGRADES	EST	1	\$ 96,066.00	\$ 96,066.00	\$ 96,066.00
37	MAINTENANCE DESIGN & CONSTRUCTION MANAGEMENT	EST	1	\$ 75,500.00	\$ 75,500.00	\$ 75,500.00
C2	MAINTENANCE CHARGER AND DISPENSER EQUIPMENT /DESIGN AND CO			SUBTOTAL	\$ 317,875.00	
	SUMMARY OF MAINTENANCE FACILITY AND DEPOT IMPROVEMENTS FOR 10 ELECTRIC BUS					
	SCENARIO				TOTAL	\$ 3,477,036.06