



# COMMONWEALTH of VIRGINIA

Jennifer B. DeBruhl  
Director

DEPARTMENT OF RAIL AND PUBLIC TRANSPORTATION  
600 EAST MAIN STREET, SUITE 2102  
RICHMOND, VA 23219-2416

(804) 786-4440  
FAX (804) 225-3752  
Virginia Relay Center  
800-828-1120 (TDD)

## PRE -AWARD BUY AMERICA COMPLIANCE CERTIFICATION

As required by Title 49 of the CFR. Part 663 - Subpart B, **Department of Rail and Public Transportation** (the recipient) is satisfied that the vehicles to be purchased, 12-Year Heavy Duty Transit Bus from Gillig, Inc. and meet the requirements of Section 16(b)(3) of the Surface Transportation Assistance Act of 1982, as amended. The recipient has reviewed documentation provided by the manufacturer, which lists (1) the proposed component and sub-component parts of the buses identified by manufacturer, county of origin, and cost; and (2) the proposed location of the final activity point for the buses, including a description of the activities that will take place at the final assembly point and the cost of final assembly.

A handwritten signature in black ink, appearing to read "Avery Daugherty".

Avery Daugherty, Statewide Program Manager

Date: 10/24/2022

## CER 8. Federal Certifications

### CER 8.1 Buy America Certification

This form is to be submitted with an offer exceeding the small purchase threshold for federal assistance programs, currently set at \$100,000.

#### Certificate of Compliance

The Proposer hereby certifies that it will comply with the requirements of 49 USC Section 5323(j)(2)(C), Section 165(b)(3) of the Surface Transportation Assistance Act of 1982, as amended, and the regulations of 49 CFR 661.11:

**Name and title:** DEREK MAUNUS, PRESIDENT & CEO

**Company:** GILLIG LLC



OCTOBER 6, 2022

Authorized signature

Date

#### Certificate of Non-Compliance

The Proposer hereby certifies that it cannot comply with the requirements of 49 USC Section 5323(j)(2)(C) and Section 165(b)(3) of the Surface Transportation Assistance Act of 1982, as amended, but may qualify for an exception to the requirements consistent with 49 USC Sections 5323(j)(2)(B) or (j)(2)(D), Sections 165(b)(2) or (b)(4) of the Surface Transportation Assistance Act, as amended, and regulations in 49 CFR 661.7.

**Name and title:**

**Company:**

-----

Authorized signature

Date

VIRGINIA DEPARTMENT OF RAIL AND PUBLIC TRANSPORTATION  
STATE OF VIRGINIA  
PRE-AWARD BUY AMERICA CERTIFICATE  
FORTY FOOT ELECTRIC LOW FLOOR TRANSIT BUSES (QTY: TBD, SN: TBD, BID/CONTRACT# State of Virginia - IFB #6447)  
5-Oct-22

GILLIG IS ONE OF THE MOST "AMERICAN" BUS MANUFACTURERS IN THE WORLD. Gillig is 100% U.S. owned and operated. ALL OF OUR FACILITIES are located in the U.S.A. ALL OF OUR MANUFACTURING is done in the U.S.A. and we have a policy that stresses the use of products produced in the U.S.A.

We certify full compliance with the FTA's "Buy America" regulations (Section 49 CFR Part 663) and submit the following abbreviated listing as evidence of this compliance.

COMPONENT	MANUFACTURER	COUNTRY OF ORIGIN	PERCENT OF TOTAL COST
A/C TRANSITION DUCTS	THERMAL STRUCTURES, INC	U.S.A.	0.06%
AIR COMPRESSOR	POWEREX	U.S.A.	1.69%
AIR CONDITIONING SYSTEM	THERMO-KING CORPORATION	U.S.A.	5.70%
BULKHEAD ASSEMBLY	ALVA-GWYN INC	U.S.A.	0.09%
CEILING PANELS	WILSONART INTERNATIONAL	U.S.A.	0.19%
COMPOSITE FLOORING	MILWAUKEE COMPOSITES	U.S.A.	0.70%
COOLANT PUMPS	GORMAN RUPP INDUSTRIES	U.S.A.	0.37%
DESTINATION SIGNS	HANOVER DISPLAYS, INC	U.S.A.	0.91%
DOOR CONTROLS & PANELS - FRONT	VAPOR BUS INTERNATIONAL	U.S.A.	0.42%
DOOR CONTROLS & PANELS - REAR	VAPOR BUS INTERNATIONAL	U.S.A.	0.37%
DRIVER'S BARRIER	MC CLARIN PLASTICS LLC	U.S.A.	0.06%
DRIVER'S SEAT	RECARO NORTH AMERICA	U.S.A.	0.28%
ELECTRICAL HARNESSSES & CABLES	LACO INCORPORATED	U.S.A.	1.27%
ELECTRICAL HARNESSSES, CABLES & PANELS	COMPASS COMPONENTS, INC.	U.S.A.	0.33%
ELECTRICAL HARNESSSES, CABLES & PANELS	RESQ MANUFACTURING	U.S.A.	3.18%
ELECTRIFIED POWER SYSTEM	AKASOL, INC	U.S.A.	32.55%
EXTERIOR MIRRORS	SAFE FLEET	U.S.A.	0.16%
EXTRUSIONS	HYDRO EXTRUSION USA, LLC	U.S.A.	0.67%
FABRICATIONS-BAYFAB METALS	BAYFAB METALS INC	U.S.A.	0.64%
FABRICATIONS-DIE & TOOL PRODUCTS	DIE & TOOL PRODUCTS, INC	U.S.A.	0.88%
FABRICATIONS-EAST BAY MACHINE	EAST BAY MACHINE	U.S.A.	0.64%
FABRICATIONS-GCM	G C M	U.S.A.	0.65%
FABRICATIONS-GOLDEN PLASTICS	GOLDEN PLASTICS CORP	U.S.A.	0.15%
FABRICATIONS-HOGAN MANUFACTURING	HOGAN MFG. INC.	U.S.A.	4.82%
FABRICATIONS-IMPERIAL FABRICATORS	IMPERIAL FABRICATORS	U.S.A.	1.16%
FABRICATIONS-MASTER METAL PROCUCTS	MASTER METAL PRODUCTS CO.	U.S.A.	0.37%
FABRICATIONS-RON NUNES	RON NUNES ENTERPRISES	U.S.A.	0.57%
FRONT AND REAR AXLE ASSEMBLIES	MERITOR AUTOMOTIVE	U.S.A.	2.56%
FRONT AND REAR BUMPER ASSEMBLIES	DYNATECT - RO-LAB	U.S.A.	0.43%
FRONT CAP	MC CLARIN PLASTICS LLC	U.S.A.	0.54%
HEATER ASSEMBLIES	MOBILE CLIMATE CONTROL	U.S.A.	0.31%
INTERIOR LIGHTING KIT	I/O CONTROLS - LIGHTS	U.S.A.	0.66%
MISCELLANEOUS-KD SPECIALTIES	KD SPECIALTIES	U.S.A.	0.07%
MISCELLANEOUS-I/O CONTROL	I/O CONTROLS - LIGHTS	U.S.A.	0.18%
PASSENGER SEAT ASSEMBLIES	AMERICAN SEATING	U.S.A.	3.29%
PIPING & TUBING	S.F. TUBE	U.S.A.	1.64%
REAR CAP ASSEMBLY	PERFORMANCE COMPOSTIES	U.S.A.	0.12%
REAR SUSPENSION	HENDRICKSON USA L.L.C.	U.S.A.	0.32%
WHEELCHAIR RAMP	LIFT-U DIVISION OF HOGAN MFG.,INC	U.S.A.	1.15%
WHEELS	ADVANCED WHEELS SALES	U.S.A.	0.43%
WHEELWELL COVERS	MC CLARIN PLASTICS LLC	U.S.A.	0.20%
WINDOW ASSEMBLIES	AROW GLOBAL	U.S.A.	2.20%

SPECIFICALLY IDENTIFIED U.S. COMPONENTS AS A % OF TOTAL MATERIALS 72.97% \*

FINAL ASSEMBLY - ALL VEHICLE ASSEMBLY OPERATIONS, STARTING WITH THE UNDERSTRUCTURE THROUGH TO FINAL ROAD TEST ARE DONE IN LIVERMORE, CA	GILLIG	U.S.A.	<u>100.00%</u>
---	--------	--------	----------------



**GILLIG LLC  
LIVERMORE, CALIFORNIA**

**DESCRIPTION AND COST  
OF FINAL ASSEMBLY  
FOR 35' & 40' ELECTRIC BUSES  
FY 2022**

*Gillig LLC certifies that final assembly of its buses occurs at its manufacturing plant in Livermore, California. The final assembly process consists of the assembly of the chassis; the installation and interconnection of the engine (traction motor, energy storage system, traction inverter), transmission, axles, including the cooling and braking systems; the installation and interconnection of the heating and air conditioning equipment; the installation of pneumatic and electrical systems; mounting of the body structure to the chassis; installation of door systems; painting of the vehicle; installation of destination signs, windows, passenger seats, passenger grab rails, and wheelchair lifts; wheel alignment, dynamometer and road testing; final inspection, repairs and preparation of the vehicles for delivery.*

*The cost of the above mentioned activities for this order has been estimated to be \$20,399.53 per bus.*

VIRGINIA DEPARTMENT OF RAIL AND PUBLIC TRANSPORTATION  
STATE OF VIRGINIA  
PRE-AWARD BUY AMERICA CERTIFICATE  
FORTY FOOT LOW FLOOR TRANSIT BUSES (QTY: TBD, SN: TBD, BID/CONTRACT# State of Virginia - IFB #6447)  
5-Oct-22

GILLIG IS ONE OF THE MOST "AMERICAN" BUS MANUFACTURERS IN THE WORLD. Gillig is 100% U.S. owned and operated. ALL OF OUR FACILITIES are located in the U.S.A. ALL OF OUR MANUFACTURING is done in the U.S.A. and we have a policy that stresses the use of products produced in the U.S.A.

We certify full compliance with the FTA's "Buy America" regulations (Section 49 CFR Part 663) and submit the following abbreviated listing as evidence of this compliance.

COMPONENT	MANUFACTURER	COUNTRY OF ORIGIN	PERCENT OF TOTAL COST
A/C TRANSITION DUCTS	THERMAL STRUCTURES, INC	U.S.A.	0.11%
AIR CONDITIONING SYSTEM	THERMO-KING CORPORATION	U.S.A.	6.64%
AIR DRYER ASSEMBLY	SKF USA, INC	U.S.A.	0.16%
ALTERNATOR	C.E. NIEHOFF & CO.	U.S.A.	0.82%
BULKHEAD ASSEMBLY	ALVA-GWYN INC	U.S.A.	0.16%
CEILING PANELS	WILSONART INTERNATIONAL	U.S.A.	0.35%
COMPOSITE FLOORING	MILWAUKEE COMPOSITES	U.S.A.	0.42%
COOLANT PUMP	ENGINEERED MACHINE PRODUCTS	U.S.A.	0.12%
DESTINATION SIGNS	HANOVER DISPLAYS, INC	U.S.A.	1.66%
DOOR CONTROLS & PANELS - FRONT	VAPOR BUS INTERNATIONAL	U.S.A.	0.77%
DOOR CONTROLS & PANELS - REAR	VAPOR BUS INTERNATIONAL	U.S.A.	0.67%
DRIVER'S BARRIER	MC CLARIN PLASTICS LLC	U.S.A.	0.12%
DRIVER'S SEAT	RECARO NORTH AMERICA	U.S.A.	0.50%
ELECTRICAL HARNESSSES & CABLES	LACO INCORPORATED	U.S.A.	1.69%
ELECTRICAL HARNESSSES, CABLES & PANELS	COMPASS COMPONENTS, INC.	U.S.A.	0.91%
ELECTRICAL HARNESSSES, CABLES & PANELS	RESQ MANUFACTURING	U.S.A.	3.92%
ENGINE & AFTERTREATMENT SYSTEM	CUMMINS, INC	U.S.A.	14.97%
EXTERIOR MIRRORS	SAFE FLEET	U.S.A.	0.27%
EXTRUSIONS	HYDRO EXTRUSION USA, LLC	U.S.A.	1.00%
FABRICATIONS-BAYFAB METALS	BAYFAB METALS INC	U.S.A.	0.19%
FABRICATIONS-COMMERCIAL PATTERN	COMMERCIAL PATTERN	U.S.A.	0.03%
FABRICATIONS-DETENTION DEVICES	DETENTION DEVICE SYSTEMS	U.S.A.	0.14%
FABRICATIONS-DIE & TOOL PRODUCTS	DIE & TOOL PRODUCTS, INC	U.S.A.	1.29%
FABRICATIONS-EAST BAY MACHINE	EAST BAY MACHINE	U.S.A.	0.75%
FABRICATIONS-GCM	G C M	U.S.A.	0.98%
FABRICATIONS-GOLDEN PLASTICS	GOLDEN PLASTICS CORP	U.S.A.	0.27%
FABRICATIONS-HOGAN MANUFACTURING	HOGAN MFG. INC.	U.S.A.	2.06%
FABRICATIONS-IMPERIAL FABRICATORS	IMPERIAL FABRICATORS	U.S.A.	4.43%
FABRICATIONS-MASTER METAL PROCUCTS	MASTER METAL PRODUCTS CO.	U.S.A.	0.43%
FABRICATIONS-RON NUNES	RON NUNES ENTERPRISES	U.S.A.	0.50%
FRONT AND REAR AXLE ASSEMBLIES	MERITOR AUTOMOTIVE	U.S.A.	4.64%
FRONT AND REAR BUMPER ASSEMBLIES	DYNATECT - RO-LAB	U.S.A.	0.78%
FRONT CAP	MC CLARIN PLASTICS LLC	U.S.A.	0.60%
HEATER ASSEMBLIES	MOBILE CLIMATE CONTROL	U.S.A.	0.54%
INTERIOR LIGHTING KIT	I/O CONTROLS - LIGHTS	U.S.A.	1.20%
MISCELLANEOUS-KD SPECIALTIES	KD SPECIALTIES	U.S.A.	0.23%
MISCELLANEOUS-I/O CONTROL	I/O CONTROLS - LIGHTS	U.S.A.	0.42%
PASSENGER SEAT ASSEMBLIES	AMERICAN SEATING	U.S.A.	5.83%
PIPING & TUBING	S.F. TUBE	U.S.A.	1.35%
RADIATOR PACKAGE	MODINE MFG CO	U.S.A.	1.63%
REAR CAP ASSEMBLY	PERFORMANCE COMPOSTIES	U.S.A.	0.21%
REAR SUSPENSION	HENDRICKSON USA L.L.C.	U.S.A.	0.49%
ROOF HATCH	SPECIALTY MANUFACTURING INC	U.S.A.	0.13%
ROOF SKIN	CRANE COMPOSITES	U.S.A.	0.15%
TORQUE RODS	THE PULLMAN COMPANY	U.S.A.	0.14%
VOLTAGE REGULATOR	VANNER, INC.	U.S.A.	0.14%
WHEELCHAIR RAMP	LIFT-U DIVISION OF HOGAN MFG.,INC	U.S.A.	2.09%
WHEELS	ADVANCED WHEELS SALES	U.S.A.	0.77%
WHEELWELL COVERS	MC CLARIN PLASTICS LLC	U.S.A.	0.36%
WINDOW ASSEMBLIES	AROW GLOBAL	U.S.A.	3.93%

SPECIFICALLY IDENTIFIED U.S. COMPONENTS AS A % OF TOTAL MATERIALS 71.96% \*

FINAL ASSEMBLY - ALL VEHICLE ASSEMBLY OPERATIONS,  
STARTING WITH THE UNDERSTRUCTURE THROUGH TO FINAL  
ROAD TEST ARE DONE IN LIVERMORE, CA 100.00%

GILLIG

U.S.A.



**GILLIG LLC  
LIVERMORE, CALIFORNIA**

**DESCRIPTION AND COST  
OF FINAL ASSEMBLY  
FOR 35' & 40' LOW FLOOR BUSES  
FY 2022**

*Gillig LLC certifies that final assembly of its buses occurs at its manufacturing plant in Livermore, California. The final assembly process consists of the assembly of the chassis; the installation and interconnection of the engine, transmission, axles, including the cooling and braking systems; the installation and interconnection of the heating and air conditioning equipment; the installation of pneumatic and electrical systems; mounting of the body structure to the chassis; installation of door systems; painting of the vehicle; installation of destination signs, windows, passenger seats, passenger grab rails, and wheelchair lifts; wheel alignment, dynamometer and road testing; final inspection, repairs and preparation of the vehicles for delivery.*

*The cost of the above mentioned activities for this order has been estimated to be \$16,543.31 per bus.*

VIRGINIA DEPARTMENT OF RAIL AND PUBLIC TRANSPORTATION  
STATE OF VIRGINIA  
PRE-AWARD BUY AMERICA CERTIFICATE  
FORTY FOOT (CNG) LOW FLOOR TRANSIT BUSES (QTY: TBD, SN: TDB, BID/CONTRACT# State of Virginia - IFB #6447)  
5-Oct-22

GILLIG IS ONE OF THE MOST "AMERICAN" BUS MANUFACTURERS IN THE WORLD. Gillig is 100% U.S. owned and operated. ALL OF OUR FACILITIES are located in the U.S.A. ALL OF OUR MANUFACTURING is done in the U.S.A. and we have a policy that stresses the use of products produced in the U.S.A.

We certify full compliance with the FTA's "Buy America" regulations (Section 49 CFR Part 663) and submit the following abbreviated listing as evidence of this compliance.

COMPONENT	MANUFACTURER	COUNTRY OF ORIGIN	PERCENT OF TOTAL COST
AIR CONDITIONING SYSTEM	THERMO-KING CORPORATION	U.S.A.	5.75%
AIR DRYER ASSEMBLY	SKF USA, INC	U.S.A.	0.14%
ALTERNATOR	C.E. NIEHOFF & CO.	U.S.A.	0.71%
BULKHEAD ASSEMBLY	ALVA-GWYN INC	U.S.A.	0.14%
CEILING PANELS	WILSONART INTERNATIONAL	U.S.A.	0.30%
COMPOSITE FLOORING	MILWAUKEE COMPOSITES	U.S.A.	0.37%
DESTINATION SIGNS	HANOVER DISPLAYS, INC	U.S.A.	1.43%
DOOR CONTROLS & PANELS - FRONT	VAPOR BUS INTERNATIONAL	U.S.A.	0.67%
DOOR CONTROLS & PANELS - REAR	VAPOR BUS INTERNATIONAL	U.S.A.	0.58%
DRIVER'S SEAT	RECARO NORTH AMERICA	U.S.A.	0.43%
ELECTRICAL HARNESES & CABLES	LACO INCORPORATED	U.S.A.	1.46%
ELECTRICAL HARNESES, CABLES & PANELS	COMPASS COMPONENTS, INC.	U.S.A.	0.84%
ELECTRICAL HARNESES, CABLES & PANELS	RESQ MANUFACTURING	U.S.A.	3.49%
ENGINE & AFTERTREATMENT SYSTEM	CUMMINS, INC	U.S.A.	14.82%
EXTERIOR MIRRORS	SAFE FLEET	U.S.A.	0.23%
EXTRUSIONS	HYDRO EXTRUSION USA, LLC	U.S.A.	0.89%
FABRICATIONS-DIE & TOOL PRODUCTS	DIE & TOOL PRODUCTS, INC	U.S.A.	1.08%
FABRICATIONS-EAST BAY MACHINE	EAST BAY MACHINE	U.S.A.	0.78%
FABRICATIONS-GCM	G C M	U.S.A.	1.31%
FABRICATIONS-HOGAN MANUFACTURING	HOGAN MFG. INC.	U.S.A.	1.80%
FABRICATIONS-IMPERIAL FABRICATORS	IMPERIAL FABRICATORS	U.S.A.	3.36%
FABRICATIONS-MASTER METAL PROCUCTS	MASTER METAL PRODUCTS CO.	U.S.A.	0.41%
FABRICATIONS-RON NUNES	RON NUNES ENTERPRISES	U.S.A.	0.44%
FRONT AND REAR AXLE ASSEMBLIES	MERITOR AUTOMOTIVE	U.S.A.	4.02%
FRONT AND REAR BUMPER ASSEMBLIES	DYNATECT - RO-LAB	U.S.A.	0.67%
FRONT CAP	MC CLARIN PLASTICS LLC	U.S.A.	0.52%
FUEL SYSTEM	AGILITY FUEL SYSTEMS	U.S.A.	8.95%
HEATER ASSEMBLIES	MOBILE CLIMATE CONTROL	U.S.A.	0.41%
INTERIOR LIGHTING KIT	I/O CONTROLS - LIGHTS	U.S.A.	1.04%
MISCELLANEOUS-I/O CONTROL	I/O CONTROLS - LIGHTS	U.S.A.	0.37%
PASSENGER SEAT ASSEMBLIES	AMERICAN SEATING	U.S.A.	5.05%
PIPING & TUBING	S.F. TUBE	U.S.A.	1.20%
RADIATOR PACKAGE	MODINE MFG CO	U.S.A.	1.50%
REAR CAP ASSEMBLY	PERFORMANCE COMPOSTIES	U.S.A.	0.18%
REAR SUSPENSION	HENDRICKSON USA L.L.C.	U.S.A.	0.42%
TRANSMISSION	ALLISON TRANSMISSION	U.S.A.	4.34%
WHEELCHAIR RAMP	LIFT-U DIVISION OF HOGAN MFG.,INC	U.S.A.	1.81%
WHEELS	ADVANCED WHEELS SALES	U.S.A.	0.67%
WHEELWELL COVERS	MC CLARIN PLASTICS LLC	U.S.A.	0.31%
SPECIFICALLY IDENTIFIED U.S. COMPONENTS AS A % OF TOTAL MATERIALS			<u>72.88% *</u>
FINAL ASSEMBLY - ALL VEHICLE ASSEMBLY OPERATIONS, STARTING WITH THE UNDERSTRUCTURE THROUGH TO FINAL ROAD TEST ARE DONE IN LIVERMORE, CA	GILLIG	U.S.A.	<u>100.00%</u>



**GILLIG LLC  
LIVERMORE, CALIFORNIA**

**DESCRIPTION AND COST  
OF FINAL ASSEMBLY  
FOR 35' & 40' CNG BUSES  
FY 2022**

*Gillig LLC certifies that final assembly of its buses occurs at its manufacturing plant in Livermore, California. The final assembly process consists of the assembly of the chassis; the installation and interconnection of the engine, transmission, axles, including the cooling and braking systems; the installation and interconnection of the heating and air conditioning equipment; the installation of pneumatic and electrical systems; mounting of the body structure to the chassis; installation of door systems; painting of the vehicle; installation of destination signs, windows, passenger seats, passenger grab rails, and wheelchair lifts; wheel alignment, dynamometer and road testing; final inspection, repairs and preparation of the vehicles for delivery.*

*The cost of the above mentioned activities for this order has been estimated to be \$17,930.37 per bus.*

VIRGINIA DEPARTMENT OF RAIL AND PUBLIC TRANSPORTATION  
STATE OF VIRGINIA  
PRE-AWARD BUY AMERICA CERTIFICATE  
FORTY FOOT HYBRID (EGEN) LOW FLOOR TRANSIT BUSES (QTY: TBD, SN: TDB, BID/CONTRACT# State of Virginia - IFB #6447)  
5-Oct-22

GILLIG IS ONE OF THE MOST "AMERICAN" BUS MANUFACTURERS IN THE WORLD. Gillig is 100% U.S. owned and operated. ALL OF OUR FACILITIES are located in the U.S.A. ALL OF OUR MANUFACTURING is done in the U.S.A. and we have a policy that stresses the use of products produced in the U.S.A.

We certify full compliance with the FTA's "Buy America" regulations (Section 49 CFR Part 663) and submit the following abbreviated listing as evidence of this compliance.

COMPONENT	MANUFACTURER	COUNTRY OF ORIGIN	PERCENT OF TOTAL COST
AIR CONDITIONING SYSTEM	THERMO-KING CORPORATION	U.S.A.	4.63%
COMPOSITE FLOORING	MILWAUKEE COMPOSITES	U.S.A.	0.31%
DESTINATION SIGNS	HANOVER DISPLAYS, INC	U.S.A.	1.11%
DOOR CONTROLS & PANELS - FRONT	VAPOR BUS INTERNATIONAL	U.S.A.	0.52%
DOOR CONTROLS & PANELS - REAR	VAPOR BUS INTERNATIONAL	U.S.A.	0.45%
DRIVER'S SEAT	RECARO NORTH AMERICA	U.S.A.	0.33%
ELECTRIC DRIVE HYBRID PROPULSION SYSTEM	ALLISON TRANSMISSION	U.S.A.	33.28%
ELECTRICAL HARNESSSES, CABLES & PANELS	COMPASS COMPONENTS, INC.	U.S.A.	0.49%
ELECTRICAL HARNESSSES, CABLES & PANELS	RESQ MANUFACTURING	U.S.A.	3.33%
ENGINE & AFTERTREATMENT SYSTEM	CUMMINS, INC	U.S.A.	6.22%
EXTRUSIONS	HYDRO EXTRUSION USA, LLC	U.S.A.	0.67%
FABRICATIONS-BAYFAB METALS	BAYFAB METALS INC	U.S.A.	0.33%
FABRICATIONS-DIE & TOOL PRODUCTS	DIE & TOOL PRODUCTS, INC	U.S.A.	0.89%
FABRICATIONS-EAST BAY MACHINE	EAST BAY MACHINE	U.S.A.	0.70%
FABRICATIONS-GCM	G C M	U.S.A.	0.77%
FABRICATIONS-HOGAN MANUFACTURING	HOGAN MFG. INC.	U.S.A.	2.14%
FABRICATIONS-IMPERIAL FABRICATORS	IMPERIAL FABRICATORS	U.S.A.	2.83%
FABRICATIONS-MASTER METAL PRODUCTS	MASTER METAL PRODUCTS CO.	U.S.A.	0.60%
FABRICATIONS-RON NUNES	RON NUNES ENTERPRISES	U.S.A.	0.53%
FRONT AND REAR AXLE ASSEMBLIES	MERITOR AUTOMOTIVE	U.S.A.	3.11%
FRONT AND REAR BUMPER ASSEMBLIES	DYNATECT - RO-LAB	U.S.A.	0.52%
FRONT CAP	MC CLARIN PLASTICS LLC	U.S.A.	0.40%
HIGH VOLTAGE CABLES	ROCHESTER INDS. CONTROL	U.S.A.	2.28%
HEATER ASSEMBLIES	MOBILE CLIMATE CONTROL	U.S.A.	0.31%
INTERIOR LIGHTING KIT	I/O CONTROLS - LIGHTS	U.S.A.	0.84%
MISCELLANEOUS-I/O CONTROL	I/O CONTROLS - LIGHTS	U.S.A.	0.28%
PIPING & TUBING	S.F. TUBE	U.S.A.	0.88%
POWER DISTRIBUTION BOX	ROCHESTER INDS. CONTROL	U.S.A.	0.88%
REAR SUSPENSION	HENDRICKSON USA L.L.C.	U.S.A.	0.33%
TRANSMISSION	ALLISON TRANSMISSION	U.S.A.	3.36%
WHEELCHAIR RAMP	LIFT-U DIVISION OF HOGAN MFG.,INC	U.S.A.	1.40%
WHEELS	ADVANCED WHEELS SALES	U.S.A.	0.52%
WHEELWELL COVERS	MC CLARIN PLASTICS LLC	U.S.A.	0.24%
SPECIFICALLY IDENTIFIED U.S. COMPONENTS AS A % OF TOTAL MATERIALS			<u>75.49% *</u>
FINAL ASSEMBLY - ALL VEHICLE ASSEMBLY OPERATIONS, STARTING WITH THE UNDERSTRUCTURE THROUGH TO FINAL ROAD TEST ARE DONE IN LIVERMORE, CA	GILLIG	U.S.A.	<u>100.00%</u>



**GILLIG LLC  
LIVERMORE, CALIFORNIA**

**DESCRIPTION AND COST  
OF FINAL ASSEMBLY  
FOR 35' & 40' HYBRID BUSES  
FY 2022**

*Gillig LLC certifies that final assembly of its buses occurs at its manufacturing plant in Livermore, California. The final assembly process consists of the assembly of the chassis; the installation and interconnection of the engine, transmission, axles, including the cooling and braking systems; the installation and interconnection of the heating and air conditioning equipment; the installation of pneumatic and electrical systems; mounting of the body structure to the chassis; installation of door systems; painting of the vehicle; installation of destination signs, windows, passenger seats, passenger grab rails, and wheelchair lifts; wheel alignment, dynamometer and road testing; final inspection, repairs and preparation of the vehicles for delivery.*

*The cost of the above mentioned activities for this order has been estimated to be \$18,425.42 per bus.*

VIRGINIA DEPARTMENT OF RAIL AND PUBLIC TRANSPORTATION  
STATE OF VIRGINIA  
PRE-AWARD BUY AMERICA CERTIFICATE  
FORTY FOOT HYBRID (BAE) LOW FLOOR TRANSIT BUSES (QTY: TBD, SN: TBD, BID/CONTRACT# State of Virginia - IFB #6447)  
5-Oct-22

GILLIG IS ONE OF THE MOST "AMERICAN" BUS MANUFACTURERS IN THE WORLD. Gillig is 100% U.S. owned and operated. ALL OF OUR FACILITIES are located in the U.S.A. ALL OF OUR MANUFACTURING is done in the U.S.A. and we have a policy that stresses the use of products produced in the U.S.A.

We certify full compliance with the FTA's "Buy America" regulations (Section 49 CFR Part 663) and submit the following abbreviated listing as evidence of this compliance.

COMPONENT	MANUFACTURER	COUNTRY OF ORIGIN	PERCENT OF TOTAL COST
AIR CONDITIONING SYSTEM	THERMO-KING CORPORATION	U.S.A.	4.43%
CEILING PANELS	WILSONART INTERNATIONAL	U.S.A.	0.22%
COMPOSITE FLOORING	MILWAUKEE COMPOSITES	U.S.A.	0.30%
DESTINATION SIGNS	HANOVER DISPLAYS, INC	U.S.A.	1.06%
DOOR CONTROLS & PANELS - FRONT	VAPOR BUS INTERNATIONAL	U.S.A.	0.49%
DOOR CONTROLS & PANELS - REAR	VAPOR BUS INTERNATIONAL	U.S.A.	0.43%
DRIVER'S SEAT	RECARO NORTH AMERICA	U.S.A.	0.32%
ELECTRIC DRIVE HYBRID PROPULSION SYSTEM	BAE SYSTEMS	U.S.A.	36.22%
ELECTRICAL HARNESSSES & CABLES	LACO INCORPORATED	U.S.A.	1.11%
ELECTRICAL HARNESSSES, CABLES & PANELS	COMPASS COMPONENTS, INC.	U.S.A.	0.47%
ELECTRICAL HARNESSSES, CABLES & PANELS	RESQ MANUFACTURING	U.S.A.	3.19%
ENGINE & AFTERTREATMENT SYSTEM	CUMMINS, INC	U.S.A.	5.95%
EXTRUSIONS	HYDRO EXTRUSION USA, LLC	U.S.A.	0.64%
FABRICATIONS-BAYFAB METALS	BAYFAB METALS INC	U.S.A.	0.31%
FABRICATIONS-DIE & TOOL PRODUCTS	DIE & TOOL PRODUCTS, INC	U.S.A.	0.85%
FABRICATIONS-EAST BAY MACHINE	EAST BAY MACHINE	U.S.A.	0.67%
FABRICATIONS-GCM	G C M	U.S.A.	0.74%
FABRICATIONS-IMPERIAL FABRICATORS	IMPERIAL FABRICATORS	U.S.A.	2.71%
FABRICATIONS-MASTER METAL PROCUCTS	MASTER METAL PRODUCTS CO.	U.S.A.	0.58%
FABRICATIONS-RON NUNES	RON NUNES ENTERPRISES	U.S.A.	0.51%
FRONT AND REAR AXLE ASSEMBLIES	MERITOR AUTOMOTIVE	U.S.A.	2.97%
FRONT AND REAR BUMPER ASSEMBLIES	DYNATECT - RO-LAB	U.S.A.	0.50%
FRONT CAP	MC CLARIN PLASTICS LLC	U.S.A.	0.39%
HIGH VOLTAGE CABLES	ROCHESTER INDS. CONTROL	U.S.A.	2.18%
HEATER ASSEMBLIES	MOBILE CLIMATE CONTROL	U.S.A.	0.30%
INTERIOR LIGHTING KIT	I/O CONTROLS - LIGHTS	U.S.A.	0.80%
MISCELLANEOUS-I/O CONTROL	I/O CONTROLS - LIGHTS	U.S.A.	0.27%
PASSENGER SEAT ASSEMBLIES	AMERICAN SEATING	U.S.A.	3.73%
POWER DISTRIBUTION BOX	ROCHESTER INDS. CONTROL	U.S.A.	0.84%
REAR SUSPENSION	HENDRICKSON USA L.L.C.	U.S.A.	0.31%
WHEELCHAIR RAMP	LIFT-U DIVISION OF HOGAN MFG.,INC	U.S.A.	1.34%
WHEELS	ADVANCED WHEELS SALES	U.S.A.	0.49%
WHEELWELL COVERS	MC CLARIN PLASTICS LLC	U.S.A.	0.23%
SPECIFICALLY IDENTIFIED U.S. COMPONENTS AS A % OF TOTAL MATERIALS			<u>75.53% *</u>
FINAL ASSEMBLY - ALL VEHICLE ASSEMBLY OPERATIONS, STARTING WITH THE UNDERSTRUCTURE THROUGH TO FINAL ROAD TEST ARE DONE IN LIVERMORE, CA	GILLIG	U.S.A.	<u>100.00%</u>



**GILLIG LLC  
LIVERMORE, CALIFORNIA**

**DESCRIPTION AND COST  
OF FINAL ASSEMBLY  
FOR 35' & 40' HYBRID BUSES  
FY 2022**

*Gillig LLC certifies that final assembly of its buses occurs at its manufacturing plant in Livermore, California. The final assembly process consists of the assembly of the chassis; the installation and interconnection of the engine, transmission, axles, including the cooling and braking systems; the installation and interconnection of the heating and air conditioning equipment; the installation of pneumatic and electrical systems; mounting of the body structure to the chassis; installation of door systems; painting of the vehicle; installation of destination signs, windows, passenger seats, passenger grab rails, and wheelchair lifts; wheel alignment, dynamometer and road testing; final inspection, repairs and preparation of the vehicles for delivery.*

*The cost of the above mentioned activities for this order has been estimated to be \$18,425.42 per bus.*