



COMMONWEALTH of VIRGINIA

Jennifer L. Mitchell
Director

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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, ADA Lowered Floor Minivan Side-Entry Fold out Ramp (description of buses) from Sonny Merryman, Inc., /The Braun Corporation (the manufacturer), 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.

Date: 11/10/2020

Signature:

A handwritten signature in black ink, appearing to read "Jennifer L. Mitchell".

Transit Projects Manager

Pre Award Buy America Certification

Manufacturer: The Braun Corporation

Bid No. IFB 4079

Description: ADA Lowered-Floor Minivan Side-Entry Fold-Out Ramp

Recipient: Commonwealth of Virginia - Department of General Services

Vin: Pre-Award

Final assembly activities completed at : The Braun Corporation
631 West 11th Street
Winamac, IN 46996

Component	Manufacturer	Country of Origin	Assembled in US Yes/ No	% of Total Cost	FINAL ASSEMBLY POINT
Chassis	Chrysler	Canada	NO	42.42%	Winamac, IN
Pre- Final Assembly	The Braun Corporation	U.S.	YES	2.56%	Winamac, IN
Substantially Transformed Parts (floor assy., seat bases, weldments/assy., wiring harness)	The Braun Corporation	U.S.	YES	17.46%	Winamac, IN
Braun manufactured	The Braun Corporation	U.S.	YES	0.42%	Winamac, IN
Plastics	Medallion	U.S.	YES	2.02%	Elkhart, IN
Wiring/Harness	Altex	Mexico	NO	1.88%	Westfield, IN
Floor Covering	Standard Integrated	U.S.	YES	1.64%	Winamac, IN
Flares	Lippert Components/STAR	U.S.	YES	0.58%	Elkhart, IN
Securement	Q'Straint	U.S.	YES	0.58%	Ft. Lauderdale, FL
Misc. Metal Components	Formfab, LLC	U.S.	YES	0.45%	Rochester Hills, MI
Misc. Parts	MORyde Inernational	U.S.	YES	0.40%	Elkhart, IN
Plastics	Patrick Industries/Medallion	U.S.	YES	0.34%	Elkhart, IN
Weldments	Cutting Edge Machine	U.S.	YES	0.25%	New Paris, IN
Misc. Parts	Cooper-Standard Auto.	U.S.	YES	0.21%	Fairview, MI
Tube Assembly	Fluid Routing Solutions	U.S.	YES	0.14%	Big Rapids, MI
Weldments	Quality Tool and Stamping	U.S.	YES	0.07%	Muskegon Heights, MI
Harness	Cable Assembly, LLC	U.S.	YES	0.06%	Whitsett, NC
Misc. Metal Components	LSI Metal Fabrication	U.S.	YES	0.06%	Logansport, IN
Misc. Exhaust Components	Exhaust Productions	U.S.	YES	0.06%	Merrillville, IN

Misc. Metal Components	Tricord International	U.S.	YES	0.06%	Murfreesboro, TN
Misc. Parts	Sharpline Converting, Inc.	U.S.	YES	0.06%	Wichita, KS
Misc. Parts	Proto Shampes, Inc.	U.S.	YES	0.04%	Coldwater, MI
Misc. Parts	SPI Blow Molding, LLC	U.S.	YES	0.04%	Coloma, MI
Spacer	Kilgore Manufacturing Co.	U.S.	YES	0.02%	Columbia City, IN
Misc. Parts	GDC, Inc.	U.S.	YES	0.02%	Goshen, IN
Misc. Parts	Standard Industrial Supply	U.S.	YES	0.02%	Winamac, IN
Manuals	Webb Printing	U.S.	YES	0.01%	Winamac, IN
Misc. Parts	MJ Celco, Inc.	U.S.	YES	0.01%	Schiller Park, IL
Total Percentage of Vehicle Manufactured in U.S.				71.88%	

Description of final assembly activities detailed on following attachment.

Cost of final assembly as related to cost of vehicle (percentage): 3.62%

Signature: *Scott Alunda*

Title: Commercial Vehicle Inside Sales Senior Manager

Date: 11/10/2020

Description of final assembly activities:

- (a) Strip Out - Removal of the front and rear seating components, interior wall and door panels, and all carpeting.
- (b) Seat Re-Engineering & Modifications - Remanufactured to be easily removable for wheelchair access and to permit access to a kneeling system linear actuator and a proprietary vehicle slide door/ramp controller.
- (c) Subsystem Re-Engineering & Modifications - Install new longer, reconfigured rear brake, fuel, heat, and air conditioning and fuel lines.
- (d) Fuel Tank System Re-Engineering & Modifications - Removal of the original fuel tank and charcoal canister from its mid-vehicle location, rotated, relocated, and reinstalled to aft of the rear axle location. The original fuel fill pipe assembly is removed and discarded and a new, reconfigured fuel pipe assembly is installed to meet the relocated and rotated fuel tank.
- (e) Fabrication of Lowered Floor Unit Body - Fabrication of a new low floor unit body.
- (f) Floor Re-Engineering & Modifications - Removal of the Original Equipment Manufacturer (OEM) floor and undercarriage from the toe pan to the rear axle, adding of a new aft rear axle fuel tank support structure, a new kneeling system actuator housing and structure, a new spare tire/storage tub, and

a new lowered floor structure, and various body work to accommodate the new lowered floor structure.

(g) Exhaust Re-Engineering & Modifications - Removal of the heat shields, and installing a new reconfigured exhaust pipe, hanger, brackets and muffler.

(h) Engine/Transmission/Front Suspension Assembly Modifications - Disconnection from the vehicle and removed but with the engine lines and hoses left attached. Modifications are made to the engine/transmission/front suspension assembly, such as adding various types of spacing brackets, custom steering shaft extension, and two engine cradle safety bracket tube extensions. The engine/transmission/front suspension assembly is then reinstalled. In addition, a CARB compliant fuel system is installed, and the exhaust system and heat shields are installed as well.

(i) Slide Door Re-Engineering & Modifications - Removal of the slide doors and modifications made to accommodate a lowered floor/wheelchair ramp entrance. The doors are then reinstalled.

(j) Rear Axle & Suspension Re-Engineering & Modifications - Removal, modifications done to the sway bar mounting, and coil spring mounts, addition of a kneel chain bracket, and reinstallation of rear axle.

(k) Flooring & Walls - Installation of a marine grade flooring substrate and covering and carpet or plastic panels with carpeted inserts. Walls are covered with new interior panels and trims.

(l) Rear Bumper Re-Engineering & Modifications - Involves removal of the rear bumper, reinforcing the rear bumper, and reinstalling it.

(m) Wiring Re-Engineering & Modifications - Reconfiguration of the seating systems and airbag systems, and modifications to accommodate the wheelchair ramp system, slide door operation, kneel function, and other accessibility modifications.

(n) Ramp - Installation of the manual or power wheelchair ramps.

(o) Paint & Undercoat - Newly installed components are painted and the entire floor is undercoated.

(p) Miscellaneous - Among other things, the vehicle is inspected, weighed and recertified by The Braun Corporation.

(q) Road Test

(r) Final Wash

(s) Final Inspection

(t) Final repairs