

February 8, 2022

Board of Commissioners  
Clackamas County

Dear Board of County Commissioners:

Approval of Drive Change Fund Award Agreement with Portland General Electric (PGE) for the Purchase of an Electric Vehicle to Provide Services for Seniors, Persons with Disabilities and Low Income Households funded by PGE through the Oregon Clean Fuels Program for \$212,500;  
No General Funds are Involved

<b>Purpose/Outcomes</b>	Agreement with PGE to provide funding for a project-specific electric vehicle to enhance transportation services to seniors and/or people with disabilities residing in Clackamas County.
<b>Dollar Amount and Fiscal Impact</b>	The maximum agreement is \$212,500. These funds will be used to pay for one new electric transit van for the Transportation Reaching People (TRP) program.
<b>Funding Source</b>	Oregon Clean Fuels program administered by Oregon Dept. of Environmental Quality - no County General Funds are involved.
<b>Duration</b>	February 1, 2022 to an estimated end date of June 30, 2033 (ten years after the purchase of the vehicle)
<b>Previous Board Action</b>	062421 – A.18 Board Grant Approval. Issues topic 2.8.22
<b>Strategic Plan Alignment</b>	1. This funding aligns with the strategic priority to increase self-sufficiency for our clients. 2. This funding aligns with the strategic priority to ensure safe, healthy and secure communities by addressing needs of older adults in the community.
<b>County Counsel</b>	Reviewed and approved by AN on 1/6/22
<b>Procurement Review</b>	1. Was this time processed through Procurement? No 2. In no, provide brief explanation: This is a Grant application. Not subject to Procurement Review.
<b>Contact Person</b>	Brenda Durbin, Director, Social Services Division 503-655-8641
<b>Contract No.</b>	#10531

**Background**

The Social Services Division of the Health, Housing, and Human Services Department requests approval for an agreement with Portland General Electric (PGE) Drive Change Fund to enhance electric vehicle options in rural areas of Clackamas County that provide services to seniors, persons with disabilities and low income households. Social Services proposes purchasing one electric vehicle for use in the Transportation Reaching People (TRP) program and by case managers within H3S. TRP provides rides to seniors and persons with disabilities countywide to medical appointments and other essential services that allow them to remain in their homes and communities throughout Clackamas County. Social Services is working with Fleet Services, Facilities Management and

DTD-Sustainability & Solid Waste on this project to coordinate county campus improvements as well as working toward the County's objective of reducing emissions and providing alternative to traditional transportation modes regionally.

The vehicle is a High Roof Ford Transit; it's the same specifications at the information attached except that it is electric. The additional cost is associated with the vehicle being electric and not gas at approximately \$115k. The vehicle will be used to provide transportation in Clackamas County to users of the Transportation Reaching People program. The residents of Clackamas County that use this program are both rural and urban based, and most of them are part of underserved communities. The range on these vehicles can be from 100-125 miles. The size of these vehicles makes them particularly useful as they are much smaller in physical size than the old cutaway buses that are currently being used; so they are more nimble and can more easily access some tight areas.

The grant provides funding for one electric or electric hybrid vehicle. The original grant application was approved by the BCC on June 24, 2021.

Total award amount is \$212,500. No County General Funds are involved.

**Recommendation**

We recommend the approval of this agreement by the Board of County Commissioners.

Respectfully submitted,

A handwritten signature in cursive script that reads "Rodney Cook".

Rodney A. Cook, Director  
Health Housing & Human Services

## Drive Change Fund Award Agreement

Portland General Electric Company will provide up to \$212,500.00 (“DCF Award”) to Clackamas County (Recipient) to support a transportation electrification project at 2051 Karen Rd Oregon City, OR 97045. A minimum of 75% of budgeted project costs will be awarded prior to commencement of installation of equipment, with the remaining amount, up to the funding award amount set forth below in Section I(A), awarded upon completion of all installation associated with the project and delivery of all components associated with the project.

The Drive Change Fund Program (DCF) award amount is based on the information provided in the Recipient’s application and during the interview process. Any material change to project design/plans/scope by Recipient may result in forfeiture of funding or an adjustment to the DCF award amount. All modifications to the project design/plan/scope including those attributes listed below must be submitted for approval using the change request form provided by PGE.

This Agreement shall commence on February 1, 2022 and continue through the date that is ten (10) years after the Installation Date (the “Term”).

Recipient agrees to meet all program requirements and deadlines set forth in this Agreement.

### I. PROJECT ATTRIBUTES

- A. Recipient shall procure project components related to the following areas: acquisition of electric vehicles (“EV”), education or outreach campaigns, installation of EV charging infrastructure, other projects that advance transportation electrification. Project components shall have the attributes described in the table below (the “Project”):

<b>Award Recipient</b>	Clackamas County
<b>Project Categories</b>	EVs
<b>Number of Electric Vehicles</b>	(1) ADA-equipped electric conversion high-roof Ford eTransit
<b>Number of Charging Stations</b>	No DCF funding given for chargers.
<b>Education plan</b>	No DCF funding given for education.
<b>Project address</b>	2051 Karen Rd Oregon City, OR 97045
<b>Installation date</b>	No later than June 30 <sup>th</sup> 2023

<b>DCF Award<sup>1</sup></b>	Up to \$212,500.00
<b>Total project cost</b>	\$212,500.00
<b>Approved project scope</b>	The primary benefits will be to increase access to transportation and social services among elder and disabled community members, and increase social worker access to their clients. The vehicles will also provide maintenance and fuel cost savings and reduced environmental impacts. CCSS will collect meaningful program data including number of rides, trip purpose, miles driven, staff hours, and cost of operation. In general CCSS's goals are to expand the capacity of their services and encourage EV adoption, more specifically CCSS expects to drive the vehicles a total of 9,000 miles annually while providing approximately 1,200 rides.

- B. Recipient shall procure, construct, or install the Project by the Installation Date set forth in Section I(A). If the Project is not completed by the Installation Date, PGE will rescind the remaining funds of the DCF award and this Agreement will be terminated unless a change order form is submitted and approved by PGE extending the Installation Date. Further details can be found in Section V.
- C. In the event the Project experiences an insured loss to the equipment installed, Recipient shall (a) reimburse PGE a proportionate amount of DCF Award within sixty (60) days after receiving such insured amount, or (b) install new equipment comparable to the original Project scope.
- D. If the Project requires construction services, Recipient shall utilize a construction contractor licensed in Oregon to construct the Project and Recipient shall comply with all county/state building and electrical codes, utility interconnection requirements, and permitting requirements.
- E. Recipient may only install new equipment, that is demand response capable and enabled, at the Project and shall provide PGE written documentation to substantiate that only new equipment that is demand response capable and enabled was installed at the Project.
- F. Recipient, including its contractors, shall at all times comply with all applicable federal, state and local laws, statutes, rules, regulations and ordinances and shall bear all costs associated with such compliance.
- G. If the Project includes the installation of charging infrastructure, Recipient shall make charging information available to PGE either through a separate monitoring system or via the networked, installed charging equipment. This data must be made available to PGE through a separate log-in to the charging platform for a period of no less than ten (10) years after the Installation Date. Information collected by this monitoring system may be used by PGE for educational purposes, performance analysis or any other reason PGE deems necessary in its discretion.

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<sup>1</sup> The DCF Award represents an "up to" amount. Changes in project costs, design, and funding sources may result in adjustments to the final DCF Award amount.

- H. Recipient shall assign all clean fuels credits generated from the electric vehicle charger associated with the Project to PGE commencing on the Installation Date and continuing through December 31, 2031, unless PGE provides written notice otherwise.

## II. USE OF DRIVE CHANGE FUNDS

Recipient may only use the DCF Award to pay for capital costs associated with the purchase and installation of equipment and approved outreach and education expenses associated with the Project as outlined in Section I(A). Recipient may not use the DCF Award to pay for Project costs that could be implemented through other PGE programs. The DCF Award is intended to directly and indirectly benefit PGE's residential customers. Recipient is expected to maintain the Project and the useful life of its components, both physical and experiential, for a period no less than ten (10) years after the Installation Date. In the event Recipient fails to maintain the Project for ten (10) years, Recipient shall reimburse PGE a prorated amount of the DCF Award for the years remaining under the Agreement. The DCF Award may not exceed the total Project costs.

## III. RECIPIENT DELIVERABLES

- A. **Recipient webinar:** Recipient, including its construction contractor and project manager, shall attend the DCF award recipient webinar that is hosted by PGE. The webinar will cover funding award requirements and expectations, along with guidance to expedite the documentation and funding process. Webinar details will be provided upon execution of this Agreement.
- B. **Quarterly updates:** Recipient shall provide a quarterly progress report to PGE on the 15th day of the month following each calendar quarter after the DCF award is granted until the Installation Date. For example, April 15<sup>th</sup> for Q1, July 15<sup>th</sup> for Q2 and so on. As part of these quarterly progress reports, Recipient must complete the quarterly progress report form provided by PGE and email it to [PGEDriveChangeFund@pgn.com](mailto:PGEDriveChangeFund@pgn.com).
- C. **Change requests:** In the event Recipient desires to make changes to the Project scope or Project attributes listed in Section I(A), Recipient shall complete and submit a change request form provided by PGE.
- D. **Project completion and reimbursement:** Upon completion of Project installation and all other funding requirements, Recipient shall submit a final report in the form provided by PGE along with any supplemental documentation reasonably requested by PGE to [PGEDriveChangeFund@pgn.com](mailto:PGEDriveChangeFund@pgn.com) within thirty (30) days after the Installation Date.
- E. **Ongoing reporting:** For a period of three (3) years after the Installation Date, the Recipient will submit an annual report on actual Project costs, number of residential customers benefitted, percentage of funds primarily benefitting underserved communities, electric miles travelled, and energy dispensed through EV charging infrastructure. For a period of ten (10)

years after the Installation Date, the Recipient will submit an annual report on electric miles travelled and energy dispensed through EV charging infrastructure.

#### IV. EDUCATION AND OUTREACH REQUIREMENTS

- A. **PGE Drive Change Fund Recognition statement:** Recipient shall include the following statement on all signage, materials, and communications, both print and non-print, produced as part of the Project or otherwise associated with the Project: "This project has been made possible by DEQ's Oregon Clean Fuels Program via the PGE Drive Change Fund."
- B. **Celebrations and publicity:** Recipient shall celebrate Project completion through one or all of the following in accordance with the Education Plan described in the table above in Section I(A): media event, tour, media advisory, press announcement, social media, stakeholder communications. Recipient shall notify PGE of such events and PGE may participate in such events.
- C. **Approvals:** Recipient shall seek prior written approval at least three weeks in advance from PGE for each and all instances of promotional materials and advertising that identify PGE customers or use the PGE and DCF logos. PGE encourages the use of such logos and customer lists, but review and approval is required for any and all public facing materials.
- D. **Permanent recognition:** Recipient shall develop, install and maintain for the life of the Project, but in no event less than ten (10) years, at least one piece of permanent, onsite signage that publicly recognizes the contributions of DEQ's Oregon Clean Fuels Program via the PGE Drive Change Fund. Upon request by Recipient, PGE will provide samples of signage design and reasonable support for the development of content and messaging.
- E. **Portland General Electric Company website:** PGE may include information regarding the Project in its customer communication materials, including use of photographs of the Project in brochures and internet pages for purposes of supporting the DCF program.
- F. **Site tours:** Recipient shall provide PGE and its customers and guests with access to the Project, subject to 30-day advance notice by PGE.

#### V. FUND DISBURSEMENT

PGE will disperse 75% of the DCF Award within ten (10) business days after signing this Agreement. PGE will disperse the remainder of the DCF award amount within thirty business (30) days after confirmation that the Project has been installed according to Section I set forth in this Agreement, including reporting and documentation, have been met.

PGE shall verify Project installation through the following steps:

- City/county permitting finalized, including electrical inspection.

- Publicly accessible production monitoring webpage is available – this can consist of an active monitoring website shared to PGE that is available for public viewing.
- Final report is submitted and approved by PGE, along with:
  - Itemization of each eligible Project expense – i.e. labor, permits, vehicles, equipment and materials.
  - Copies of detailed invoices documenting total and eligible project costs and supporting itemization of expenses.
  - Documentation of each outside funding source.
  - Photos of the installation (.jpg) of the Project.
  - Photos of signage and other educational collateral.
  - Photos of vehicles, charging equipment, and any public events.
  - Documentation of public relations and outreach efforts (e.g. press coverage, celebrations, etc.) and/or schedule of future events if efforts have not yet occurred.

Recipient agrees to provide all documentation reasonably requested by PGE to verify completion of Project installation.

## VI. AUDIT

PGE may perform a technical and financial audit of Recipient's use of the DCF Award. Recipient agrees to provide support and cooperation for such audits. Recipient shall cure any deficiencies identified in the audit of Recipient's use of the DCF Award within thirty (30) days after receiving written notice from PGE or refund the full amount of the DCF Award to PGE.

## VII. MISCELLANEOUS

- A. **Termination.** In the event Recipient materially breaches its obligations under this Agreement and fails to cure such breach within thirty (30) days after receiving written notice from PGE, PGE may terminate this Agreement. In the event of such termination, Recipient shall reimburse PGE a prorated amount of the DCF Award for the remaining years of the original Term.
- B. **Indemnification.** Subject to the limits of the Oregon Constitution and the Oregon Tort Claim Act, Recipient shall indemnify, defend and hold harmless PGE from any and all claims, liabilities, governmental fines and penalties and damages of every kind, including attorneys' fees, made against or incurred by PGE arising out of or resulting from (i) the procurement, installation and use of any component of the Project, and (ii) any willful misconduct or negligence of the Recipient and any third parties retained by Recipient in connection with the Agreement. Recipient's indemnity obligation shall not extend to any liability to the extent caused by the contributory negligence of PGE.
- C. **Limitation of Liability.** IN NO EVENT SHALL PGE BE LIABLE UNDER THIS AGREEMENT TO RECIPIENT OR ANY THIRD PARTY FOR CONSEQUENTIAL, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, PUNITIVE OR ENHANCED DAMAGES, LOST PROFITS OR REVENUES OR DIMUNITION IN VALUE, ARISING OUT OF, OR RELATING TO, AND/OR IN CONNECTION WITH THIS AGREEMENT REGARDLESS OF (A) WHETHER SUCH DAMAGES WERE

FORESEEABLE, (B) WHETHER OR NOT IT WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND (C) THE LEGAL OR EQUITABLE THEORY (CONTRACT, TORT OR OTHERWISE) UPON WHICH THE CLAIM IS BASED. PGE'S TOTAL AGGREGATE LIABILITY UNDER AGREEMENT SHALL NOT EXCEED THE TOTAL DCF AWARD AMOUNT RECEIVED BY RECIPIENT UNDER THIS AGREEMENT.

- D. **Severability.** If any provisions of this Agreement are for any reason held by a court of competent jurisdiction to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision hereof, and this Agreement should be construed to give effect as nearly as possible to the intent of the parties. The parties agree to work together to replace such invalid, illegal or unenforceable provision as promptly as possible with a provision that is valid, legal and enforceable.
- E. **Controlling Law and Venue.** THE AGREEMENT SHALL BE INTERPRETED IN ACCORDANCE WITH AND GOVERNED BY THE SUBSTANTIVE AND PROCEDURAL LAWS OF THE STATE OF OREGON WITHOUT REGARD TO CHOICE-OF-LAW PRINCIPLES. RECIPIENT IRREVOCABLY CONSENTS TO THE JURISDICTION OF THE COURTS OF THE STATE OF OREGON OR OF THE U.S. DISTRICT COURT FOR THE DISTRICT OF OREGON FOR ANY ACTION, SUIT, OR PROCEEDING IN CONNECTION WITH THE AGREEMENT AND WAIVES ANY OBJECTION THAT RECIPIENT MAY NOW OR HEREAFTER HAVE REGARDING CHOICE OF FORUM.
- F. **No Third Party Beneficiaries.** This Agreement is intended solely for the benefit of the parties hereto. Nothing in the Agreement shall be construed to create any liability to or any benefit for any person not a party to the Agreement.
- G. **Successors and Assigns.** This Agreement shall be binding on the parties' successors, and insofar as assignment is permitted, on the parties' assignees.
- H. **No Attorney Fees.** In the event any arbitration, action or proceeding, including any bankruptcy proceeding, is instituted to enforce any term of this Agreement, each party shall be responsible for its own attorneys' fees and expenses.



The parties, through their duly authorized representatives, have executed this Agreement as of the dates indicated below.

**RECIPIENT**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

**PORTLAND GENERAL ELECTRIC COMPANY**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

# REQUEST FOR TRANSIT VEHICLE PRICE QUOTE (RFQ)

This is (check appropriate):

- Initial Request for Quote** (from Requesting Agency to Vendors)  
Due Date: 11/30/2020
- Response to RFQ** (from Responding Vendor back to Requesting Agency)
- Grant Funded Purchase**                      **Grant Agreement Number 33561**

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**VENDOR (Business Name): SCHETKY NW SALES INC**

**Vendor Contact Person: MARK ZOLLNER**

**Phone: 503-607-3143**

**Email Address: [MARKZ@SCHETKYNW.COM](mailto:MARKZ@SCHETKYNW.COM)**

**Alt Phone: 503-913-9070**

**Meets Buy America Standards (49 USC § 5323(j); 49 CFR part 661)**

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## REQUESTING AGENCY INFORMATION

**Agency: Clackamas County**

**Date: 10/22/2020**

**Contact Person: Kristina Babcock**

**Phone: 971-349-0481**

**Email Address: [kbabcock@clackamas.us](mailto:kbabcock@clackamas.us)**

**Fax:**

**Agency Address: 2051 Kaen Rd Oregon City, OR**

The above Agency, through its Public Transit program or public transit affiliate, is requesting price quotes from Oregon State Price Agreement Contract Vendors for the purchase of the following vehicle(s):

**From (circle): Oregon State Price Agreement / Other      No. of Vehicles Required: 1**

**PTD Vehicle Category (Check):** (Please see *PTD Vehicle Descriptions and Useful Life Standards*)

Cat A     Cat B     Cat C     Cat D     **Cat E-1** (select from 1 or 3)

**Length (can be range): 19' - 22' Regular Seats: 5 - 10 (plus driver) ADA Stations/Tiedowns: 3**

**Fuel Type:**     Gasoline     Diesel     Bio-fuel     Hybrid     CNG     Propane     Electric

High Floor     Low Floor    **Other Comment:** \_\_\_\_\_

The general specification for vehicle is as follows:

<b>A. VENDOR'S VEHICLE BASE PRICE INFORMATION</b>	<b>VEHICLE BASE PRICE</b>
<b><i>This Section to be completed by Vendor</i></b>	<i>Enter base price from State Price Agreement below</i>
Vehicle Make/Model: NORCAL FORD TRANSIT 350EL	\$55,499.00
Length: APPROXIMATLY 22'	
Fuel Type: GASOLINE	
Floor: <input checked="" type="checkbox"/> High Floor <input type="checkbox"/> Low Floor Other:	
No. of Regular Passenger Seats:	
No. of ADA Stations w/Tiedowns Desired: 3	
Other Special Note:	
<b>B. VEHICLE REQUIRED SPECIFICATIONS</b>	
<p>This specification describes a public transit van (Ford Transit/Dodge RAM ProMaster or Mercedes-Benz Sprinter or equivalent, meeting Buy America Requirements) designed for Commercial or Transit applications that meets all the requirements of ADA and the FMVSS Safety Standards in effect at the time of manufacture. The purpose of these specifications is to describe a Light duty van suitable for transporting both ambulatory and non-ambulatory passengers in both rural and urban areas.</p>	
<p><b><i>Requesting Agency completes Description column</i></b>  <b><i>Vendor completes "Vendor Response" columns</i></b></p>	<b>VENDOR RESPONSE</b>
<p><b><i>Requesting Agency's Required Specifications Description</i></b></p>	<p><b><i>Vendor Suggestions (related to vehicle specs)</i></b></p>
Altoona Test Executive Summary	ALTOONA EXEMPT* SEE ATTACHMENT
<p>Please provide 3 previous Oregon Transit customers reference contact numbers who have purchased <b>similar model units</b>, we will inquire:</p> <ul style="list-style-type: none"> <li>• How responsive the vendor has been to warranty issues?</li> <li>• Have you used their maintenance or repair services? If yes, were they able to provide the service in a reasonable amount of time?</li> <li>• Have you had any major issues with customer service or shop staff?</li> <li>• Were the vehicles delivered per the specifications in the RFQ?</li> <li>• Are there any other issues or concerns you've</li> </ul>	SEE BELOW

had with the vendor, shop staff, vehicle delivery, etc that you'd like to let me know about?	
<b><u>APPROVED EQUAL</u></b>	
Items bid other than specified must be determined by the Buyer as an approved equal. Include in final bid detailed specifications, cut-sheets, and modifications necessary that would make the proposed item equal to the desired specifications. Determination of approved equal will be made by the Buyer, and the decision is final.	PROVIDED
All standard specs per State Price Agreement - please include a list of vendor provided standard specs with RFQ response including all chassis specs	PROVIDED
High Roof, extended (long) wheelbase transit van (Ford Transit T350, Mercedes, Dodge Ram or equivalent) - GVWR approx.. 10,350 with dual rear wheels.	PROVIDED
Three (3) ADA securement stations	PROVIDED
Rear lift with 1000lb capacity	PROVIDED
Engine HP should be equivalent to a 3.7L gasoline engine	PROVIDED- 3.5L PFDI 275HP ENGINE
Heavy Duty multi-speed overdrive transmission	PROVIDED
Heavy-duty alternator and heavy-duty battery or two batteries	PROVIDED
Power windows and door locks with keyless entry	PROVIDED
Long Arm OEM sideview power heated mirrors with turn signal indicators	PROVIDED
Driver controlled front and rear OEM heating and air conditioning system	PROVIDED
Exterior Paint Color: OEM White	PROVIDED
Exhaust must exit street side (drivers side)	PROVIDED
Replace side sliding passenger door with power Double-out bi-fold door with power switch at driver console with right and left hand handrails and yellow step nosing	PROVIDED
Pre-Wire for 2-Way Radio (purchaser will supply radio)	PROVIDED
OEM Rearview back-up camera, in dash screen	PROVIDED
Full front and side airbags	PROVIDED
OEM AM/FM Stereo with single CD player and multi-function display. Lighted and highly visible clock included in dashboard display.	PROVIDED-OEM AM/FM/BT STEREO PER EMAIL
Daytime running lights	


<b>Requesting Agency's Required Specifications Description (Continued)</b>	<b>VENDOR RESPONSE</b>
	<b>Vendor Suggestions (related to vehicle specs)</b>
Cruise Control with message center	PROVIDED
Driver side console with 12V powerpoint, minimum 2 USB ports and overhead storage console	PROVIDED
Power anti-lock disc brakes with stability control on all wheels	PROVIDED
Sun visors on driver and co-pilot sides	PROVIDED
Intermittent windshield wipers	PROVIDED
Front and rear license plate brackets with frame and mounting hardware installed on vehicle	PROVIDED
OEM front and rear bumpers	PROVIDED
Full-size spare tire and wheel, rear mounted under van	PROVIDED
Wheelchair door ajar light on driver's console	PROVIDED- INTERLOCK EQUAL PER EMAIL
Driver seat to be power, 6 way adjustable and covered with cloth	PROVIDED
OEM manual co-pilot seat with OEM vinyl and inboard armrest	PROVIDED-OEM SEATS MAY NOT BE RECOVERED. MUST MATCH DRIVER SEAT(CLOTH).
ADA Park Interlock	PROVIDED
Back-up alarm	PROVIDED
Yield sign like TRIMET (Triangle) with momentary switch and to auto cancel with left turn signal	PROVIDED
Non-slip commercial flooring with reinforced subfloor throughout wheelchair securement area	PROVIDED
3 year / 36,000 bumper to bumper warranty minimal	PROVIDED
5 year / 60,000 mile powertrain warranty	PROVIDED
Vehicle to have a full tank of fuel at delivery	PROVIDED
Front license plate bracket	PROVIDED
Provide copy of proposed chassis order with RFQ response	PROVIDED
Vendor to provide ALL required FTA docs to City of Sandy before delivery is scheduled (FMVSS/DBE/Pre and Post Award Buy America, TVM)	PROVIDED
Three (3) complete set of retractable wheelchair tie-downs (QRT or equivalent) with storage bag. Proposed track should allow for maximum flexibility.	PROVIDED

DOT safety equipment to include: fire extinguisher, triangle kit, first aid kit, body fluid kit, seat belt cutter (all installed/mounted before delivery)	PROVIDED
<b>Requesting Agency's Required Specifications Description (Continued)</b>	<b>VENDOR RESPONSE</b>
	<b>Vendor Suggestions (related to vehicle specs)</b>
Indicate proposed delivery date (mm/year)	ESTIMATED AT 6 MONTHS FROM RECEIPT OF P.O.
The vendor will provide the recipient, or a designated representative of the recipient, the opportunity to inspect the vehicle for compliance with these specifications and applicable motor vehicle regulations. The inspection(s) must be completed prior to the delivery and acceptance of the vehicle.	PROVIDED
To the greatest extent possible, vendor should work to have warranty work performed locally.  Explain how warranty work and vendor repairs are proposed (attach separate sheet if necessary) <ul style="list-style-type: none"> <li>- Location of warranty repair facility w/i 1-hr drive of Clackamas County</li> <li>- Response time on warranty service repairs</li> <li>- Transport of vehicle for service</li> <li>- Shop rates for non-warranty repairs</li> </ul>	FORD OEM BODY AND CHASSIS- ANY FORD DEALERSHIP. SCHETKY NW HAS MOBILE MECHANICS THAT CAN COME TO YOU FOR MOST REPAIRS. WE WILL RESPOND WITHIN TWO HOURS OF NOTIFICATION TO SCHEDULE WARRANTY WORK. WE WILL SCHEDULE REPAIRS ASAP BASED ON PARTS AVAILABILITY AND MOBILE MECHANIC AVAILABILITY. SEE ATTACHED FORM*  NON WARRANTY REPAIR SHOP RATE \$115/HR
LED ADA light package, includes all exterior ADA lights (door activated)	PROVIDED
LED amber flashing lights, front and rear 7" or larger triggered with front door, lift and rear door to flash	PROVIDED
Door actuated LED interior ceiling lights	PROVIDED
Seat belt extension for driver (longest available up to 12")	PROVIDED
Seat Belt Cutter, Flashlight, mounted within reach of driver	PROVIDED
Interior passenger view mirror above the driver (adjustable)	PROVIDED
Heavy duty driver's door running board that runs the full length of the driver's door	PROVIDED
Altro non-skid floor coved to seat rail or equivalent	PROVIDED
<b>Subtotal Cost of Required Options:</b>	\$29,652.00
<b>Total Vehicle Cost With All Required Options:</b>	\$85,151.00 *INCLUDES ALL TAXES AND FEES



**C. VEHICLE PREFERRED OPTIONS**

<b>Requesting Agency's Preferred Options Description</b>	<b>Included in Base Price?  YES / NO</b>	<b>\$Additional Cost for Option\$  (or Note Not Available)</b>	<b>Vendor Suggestions  (related to vehicle specs)</b>
Extended engine and transmission powertrain warranty options for up to 100,000 miles	NO	\$4,285.00	7/YR 100K MILE BASE CARE *SEE ATTACHMENT \$100 DEDUCTABLE
One set of cable chains for each tire, with storage box	NO	\$360.00	
Three (3) Q-Straint dual tank GO2 Oxygen Canister Holders (or equivalent) to mount in floor wheelchair track	NO	\$400.00 PER- \$1,200.00 TOTAL	
Windows: - Privacy tinted windows - Power driver and passenger side windows - Fixed rear door glass with window - All around side windows - Rear defrost - Sliding/flip-open driver & passenger 2 <sup>nd</sup> row desired - Opening capability for other side windows desired	YES		
Stainless steel (or equivalent) running board for driver's door	NO	\$590.00* *TO REPLACE ALLUMINUM WITH STAINLESS STEEL	*BLACK ALUMINIUM IS STANDARD AND INCLUDED IN QUOTED PRICE
OEM Rear recovery eye for towing	YES		
Remove OEM co-pilot seat and replace with a walk-through entry at the front passenger door, allowing alternative access for operators and ambulatory passengers to enter from the curbside.	NO	\$1,880.00	

<p>Shift N Step dual entry system(or equivalent) mounted in OEM side sliding door access with Braun (or equivalent) 34" wide lift, #1000 capacity with 30" ambulatory entrance with power retractable step. Provide photo of proposed step in the open and closed position for consideration with the RFQ.</p> <p>Conversion must maintain all factory warranties, be ADA compliant, FTA Buy America Compliant and require no structural modifications.</p> <p>Provide a right and left grab handle at lift door to accommodate ambulatory passengers</p>	NO	\$1,900.00	
<p>Install retractable Power steps in co-pilot entry door with the following minimum specifications:</p> <ul style="list-style-type: none"> <li>• Approx 26" wide</li> <li>• Yellow step edges/nosing</li> <li>• Auto deployment with open/close of door</li> <li>• Fully enclosed</li> <li>• Slip resistant surface</li> <li>• Weather/water resistant</li> <li>• 900# minimum capacity</li> <li>• Circuit/limit/overload protected</li> </ul> <p>Provide photo of proposed step in the open and closed position for consideration with the RFQ.</p>	NO	\$1,799.00	
4 sets of fully programmed keys	YES		
Heated, remotely operated exterior mirrors with integrated turn signals (controls must be in reach of driver which allow adjustments while in a normal sitting position)	YES		
Install TDSS systems under fold-away seats	NO	\$330.00*	*PRICE IS FOR 3 TDSS, ONE UNDER EACH FOLDWAY
<b>Subtotal Cost of Preferred Options:</b>		\$12,344.00	



Vendor's Signature:



Date Sent:

11/30/2020

Vendor's Response Back to RFQ – Please sign and date your response here.

## REFERENCES

### SCOTT CHANCEY

JOSEPHINE COUNTY

541-474-5441

[SCHANCEY@CO.JOSEPHINE.OR.US](mailto:SCHANCEY@CO.JOSEPHINE.OR.US)

### MARGO MOORE

TRIMET

503-962-4984

[MOOREM@TRIMET.ORG](mailto:MOOREM@TRIMET.ORG)

### NICK BLACK

ROGUE VALLEY TRANSIT DISTRICT

541-608-2414

[NBLACK@RVTD.ORG](mailto:NBLACK@RVTD.ORG)

### ALL STATE SPEC "BASE " ITEMS INCLUDED UNLESS OTHERWISE REQUESTED:

#### STANDARD VEHICLE EQUIPMENT

BRAUN NCL1000 CENTURY LIFT. 34X54 PLATFORM, 1,000LB

INTERMOTIVE LIFT INTERLOCK (ADA & FMVSS 403/404)

FLOOR REINFORCEMENT FOR WHEELCHAIR LIFT & SEAT SUPPORT

B-PILLAR ENTRY GRAB BAR STANCHION, STAINLESS STEEL.

BLACK POWDER-COATED STEP BOARDS, ALL SIDE DOORS

ADA SIGNAGE/DECAL KIT

BACK UP ALARM (ECCO) MOUNTED UNDER REAR OF VAN

DRIVELINE RETAINER LOOP

ALTRO TRANSFLOR AT WHEELCHAIR SECUREMENT AREAS.

STEPWELL LIGHTS

FLUSH-MOUNT L-TRACK

INSULATED WALLS & HEADLINER

TIE-DOWN STORAGE BAGS

DRIVELINE RETAINER LOOP

SAFETY KIT: 5LB BC FIRE EXTINGUISHER, 25-UNIT FIRST AID KIT, REFLECTIVE TRIANGLE FLARE KIT (3)

SEATBELT STRAP CUTTER/WINDOW BREAKER ESCAPE TOOL

**BASE VEHICLE EQUIPMENT (AS SPECIFIED BY STATE)**

Q'STRAIT 360-SERIES RETRACTABLE TIE-DOWN BELTS W/LAP AND SHOULDER (L-TRACK)

TIE-DOWN WEBBING LOOP (14" BLUE) (QTY 4)

12" QRT/M-SERIES LAP BELT EXTENSION

RE-INSTALL SECOND-ROW 3-PASS. OEM SEAT (GRAY VINYL)

SINGLE RIGID, W/3-POINT BELT - 17.5" WIDE, CURB SIDE (GO-ES, LEVEL 1 NEWPORT ASH GRAY VINYL W/ARM REST)

SEAT BELT EXTENSION, FREEDMAN. 12" (QTY 2)

UPGRADE, LEVEL 3 SEATS, PER FREEDMAN SEATING POSITION (NOT AVAILABLE ON FORD OEM SEATS)

INSULATE WALLS & HEADLINER (OPTION ON WAGONS, STANDARD ON CARGOS)

BLACK POWDER-COAT ALUMINUM STEP RUNNING BOARDS (DRIVER DOOR/BOTH PASSENGER DOORS)

PASSENGER VIEWING MIRROR 6" X 16"

HIGH IDLE CONTROL (INTERMOTIVE)

PRE-WIRE FOR RADIO POWER, FARE BOX POWER, AND CAMERA POWER. POWER LEADS, WIRE ONLY

PRE-WIRE LOOPED IN THE ENGINE COMPARTMENT AND LOOPED NEAR DOGHOUSE AREA INSIDE THE VAN

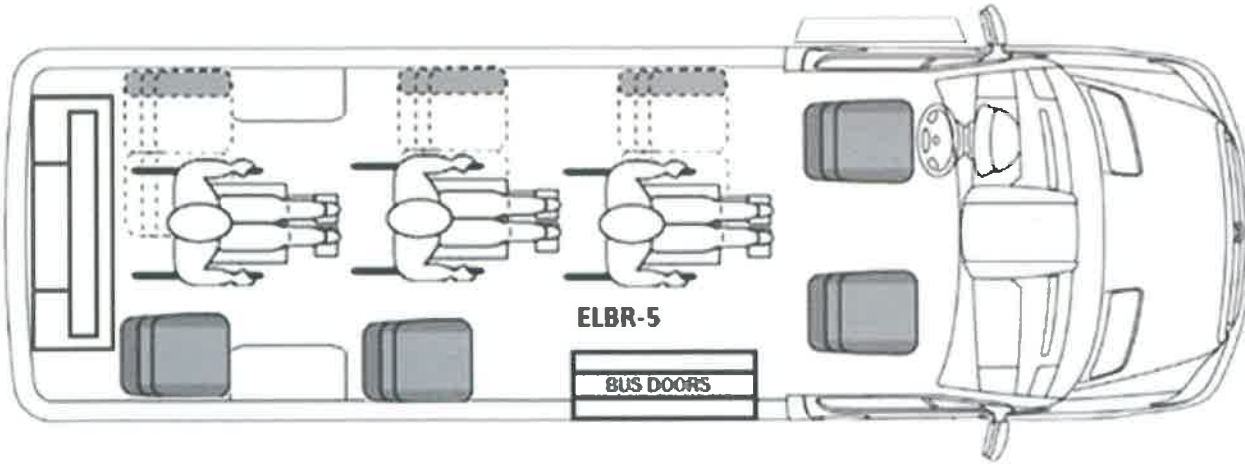
SEAT BELT EXTENSION, FORD TRANSIT OEM

4-WHEEL ALIGNMENT

FOUR (4) CAMERA SEON SYSTEM

HELM SERVICE MANUAL, FORD

**Sample Floor plan (Attach or cut-and-paste new plan here, or attach on back)**



**VENDOR INFORMATION**

Vendors are strongly encouraged to submit price quotes using the format provided. Vendors should specifically note if and how they meet the above specifications, and note any differences in what has been called out above, in their price quotes. This may be done on the form, or on an attached sheet. The vehicle(s) will be purchased with funding from the Oregon Department of Transportation, Public Transit Division and the Requesting Agency, and will follow applicable Federal and State procurement guidelines.

**Price Quote shall be submitted to the Requesting Agency contact person named on the first page on this form.**

**Price Quotes may be sent by U.S. Mail, emailed, or faxed to the addresses for Requesting Agency noted on page 1 of this form.**

**Vendors are required to submit the following certification attachments with each Quote response:**

**Attachment 1 – Certificate of Compliance with Bus Testing Requirement**

**Attachment 2 – Pre-Award FMVSS and Buy America Certification**

**Attachment 3 – Transit Vehicle Manufacturer (TVM) Certification (DBE)**

**VEHICLE SELECTION INFORMATION**

Selection of the vehicle and successful price quote will be based on:

- Lowest Cost With Required Specifications (*Lifecycle costs may be considered in price determination and may affect lowest bid determination*)**
- Best Value Determination (ODOT PTD pre-approval required.)**

**The Best Value Determination criteria are as follows:**

- Vehicle includes all required specifications (pass / fail)

- Lowest pricing will all required options – sliding scale (50 pts)
- Estimated date of delivery (25 pts)
- Vendor references (25 pts)

The vendor with the highest overall score will be selected.

# Attachment 1

## BUS TESTING CERTIFICATION

The undersigned bidder [Contractor/Manufacturer] certifies that the vehicle model or vehicle models offered in this bid submission complies with 49 CFR Part 665.

A copy of the test report (for each bid ITEM) prepared by the Federal Transit Administration's (FTA) Altoona, Pennsylvania Bus Testing Center is attached to this certification and is a true and correct copy of the test report as prepared by the facility.

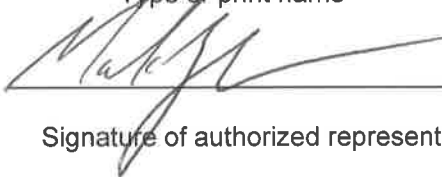
The undersigned understands that misrepresenting the testing status of a vehicle acquired with Federal financial assistance may subject the undersigned to civil penalties as outlined in the U.S. Department of Transportation's regulation on Program Fraud Civil Remedies, 49 CFR Part 31. In addition, the undersigned understands that FTA may suspend or debar a manufacturer under the procedures in 49 CFR Part 29.

Schetky NW Sales Inc

Name of Bidder/Company Name

MARK ZOLLNER

Type or print name



Signature of authorized representative

Signature of notary and SEAL

Date of Signature

11 / 30 / 2020

## Attachment 2

### PRE-AWARD CERTIFICATION FOR PROCUREMENT OF ROLLING STOCK (VENDOR)

#### PRE-AWARD AUDIT REQUIREMENTS

A recipient purchasing revenue service rolling stock with FTA funds must ensure that a pre-award audit under this part is complete before the recipient enters into a formal contract for the purchase of such rolling stock.

#### DESCRIPTION OF PRE-AWARD AUDIT

A pre-award audit under this part includes— (a) A Buy America certification; (b) A purchaser's requirements certification; and (c) Where appropriate, a manufacturer's Federal Motor Vehicle Safety certification information.

#### PRE-AWARD BUY AMERICA CERTIFICATION

For purposes of this part, a pre-award Buy America certification is a certification that the recipient keeps on file that:

- a. There is a letter from FTA which grants a waiver to the rolling stock to be purchased from the Buy America requirements under section 165(b) (1), (b)(2), or (b)(4) of the Surface Transportation Assistance Act of 1982, as amended; or
- b. The recipient is satisfied that the rolling stock to be purchased meets the requirements of section 165(a) or (b)(3) of the Surface Transportation Assistance Act of 1982, as amended, after having reviewed itself or through an audit prepared by someone other than the manufacturer or its agent documentation provided by the manufacturer which lists:
  1. The Component and subcomponent parts of the rolling stock that are produced in the United States is more than 60% for FY2016 and 2017, more than 65% for FY2018 and 2019, more than 70% for FY2020 of the cost of all components and subcomponents of the vehicle identified by the manufacturer; and
  2. The location of the final assembly must take place in the United States (49 CFR 661.11), including a description of the activities that will take place at the final assembly point and the cost of final assembly.

#### PRE-AWARD PURCHASERS REQUIREMENTS CERTIFICATION

For purposes of this part, a pre-award purchaser's requirements certification is a certification a recipient keeps on file that:

- a. The rolling stock the recipient is contracting for is the same product described in the purchaser's solicitation specification; and
- b. The proposed manufacturer is a responsible manufacturer with the capability to produce a vehicle that meets the recipient's specification set forth in the recipient's solicitation.

If buses or other rolling stock (including train control, communication, and traction power equipment) are being procured, the appropriate certificate as set forth below shall be completed and submitted by each bidder in accordance with the requirements in 49 CFR 661.13(b).

#### PRE-AWARD FMVSS COMPLIANCE CERTIFICATION

As required by Title 49 of the CFR, Part 663 – Subpart D, the recipient certifies that it received, at the pre-award stage, a copy of the manufacturers self-certification information stating that the buses will comply with the relevant Federal Motor Vehicle Safety Standards issued by the National Highway Traffic Safety Administration in Title 49 of the Code of Federal Regulations, Part 571.

Bidder or offeror Certificate of:

#### COMPLIANCE with Buy America and FMVSS Rolling Stock Requirements

As required by 49 CFR Part 663, the bidder or offeror hereby certifies that it will comply with the requirements of 49 U.S.C. 5323(j), and the applicable regulations of 49 CFR 661.11.

Company Schetky NW Sales Inc  
Name Marc Zillner Title Sales MANAGER  
Signature [Signature] Date 11/30/2020

Bidder or offeror Certificate of:

#### NON-COMPLIANCE with Buy America and FMVSS Rolling Stock Requirements

As required by 49 CFR Part 663, the bidder or offeror hereby certifies that it cannot comply with the requirements of 49 U.S.C. 5323(j), but may qualify for an exception to the requirement consistent with 49 U.S.C. 5323(j)(2), as amended, and the applicable regulations in 49 CFR 661.7.

Company \_\_\_\_\_  
Name \_\_\_\_\_ Title \_\_\_\_\_  
Signature \_\_\_\_\_ Date \_\_\_\_\_

# Attachment 3

## TRANSIT VEHICLE MANUFACTURER (TVM) CERTIFICATION

Pursuant to the provisions of Section 105(f) of the Surface Transportation Assistance Act of 1982, each bidder for this contract must certify that it has complied with the requirements of 49 CFR Part 26.49, regarding the participation of Disadvantaged Business Enterprises (DBE) in FTA assisted procurements of transit vehicles. Absent this certification, properly completed and signed, a bid shall be deemed non-responsive.

Certification:

I hereby certify, for the bidder named below, that it has complied with the provisions of 49 CFR Part 26.49 and that I am duly authorized by said bidder to make this certification.

Name of Bidder/Company

Name Type or print

Signature of Authorized Representative

Date 11/23/2020

Signature of notary and SEAL \_\_\_\_\_

A handwritten signature in black ink, appearing to be 'M. J. ...', is written over a horizontal line. The signature is stylized and extends above and below the line.

2020 FORD TRANSIT

# TECHNICAL SPECIFICATIONS



## BODY

Body construction/materials	Steel unibody
Body style	Passenger Wagon, Cargo and Crew Van, 130" or 148" wheelbase. Low, Medium and High roof. Regular, Long, and Extended length.
Trim levels	XL & XLT Passenger Van Only
Final assembly location	Kansas City Assembly Plant, Kansas City, MO

## DRIVETRAIN

Layout standard	Front Engine, Rear Wheel Drive
Layout optional	Front Engine, All-Wheel Drive

## ENGINES

	3.5L PFDI V6 engine	3.5L EcoBoost® V6 engine
Configuration	Naturally-aspirated V6, overhead cams	Twin-turbocharged and intercooled V6, overhead cams
Block/head material	Aluminum block, aluminum heads	Aluminum block, aluminum heads
Displacement	3.5 liters (213 cubic inches)	3.5 liters (213 cubic inches)
Bore x stroke	3.64 x 3.41 inches	3.64 inches x 3.41 inches
Compression ratio	11.8:1	10.0:1
Valvetrain	Double overhead cam, direct acting mechanical bucket, 24 valves	Double overhead cam, direct acting mechanical bucket, 24 valves
Ignition system	Coil on plug	Coil on plug
Fuel delivery	Port fuel injection with direct injection	Port fuel injection with direct injection
Recommended fuel	Regular Unleaded or E85	Regular Unleaded or E85
Engine control system	Electronic	Electronic
Oil capacity/grade	6 quarts	6 quarts
Coolant capacity	14.25 liters (15.1 qt.)	14.1 liters (14.9 qt), 15.5 liters (16.4 qt) with auxiliary heater
SAE Horsepower	275 hp @ 6,500 rpm	310 hp @ 5,000 rpm
SAE Torque	262 ft.-lbs.@ 3,750 rpm	400 ft.-lbs.@ 2,500 rpm

## ELECTRICAL

Alternator	Standard Alternator: 250 amp alternator on 3.5L PFDI V6 and 3.5L EcoBoost® V6 engines. Available Dual Alternator: 250 amps each - Includes Auxiliary Fuse Panel with High Spec Interface Connector. Included with Ambulance Prep Packages. Available on 3.5L EcoBoost® V6 engine only.
Battery	Single Battery – 70 amp-hr Standard on 3.5LPFDI V6 engine only Single AGM Battery – 70 amp-hr Standard on 3.5L EcoBoost® V6 engine. Available on 3.5L PFDI V6 engine. Dual AGM Batteries - 70 amp-hr each. Available on 3.5L EcoBoost® V6 and 3.5L PFDI V6 engines

## TRANSMISSION

	Ten-speed SelectShift® Automatic Transmission
Configuration	Electronically controlled hydraulic 10-speed automatic
Gear ratios:	(:1)
1st	4.696
2nd	2.985
3rd	2.146
4th	1.769
5th	1.520
6th	1.275





7th	1.000
8th	0.854
9th	0.689
10th	0.636
Reverse	-4.866

## SUSPENSION

Front configuration	Front independent MacPherson strut suspension w/stabilizer bar	
Front shock absorber type	Gas-pressurized	
Rear configuration	Solid rear axle, leaf springs	
Rear shock absorber type	Gas-pressurized	

## STEERING

Type	Electric Power-Assisted	
	130-inch wheelbase	148-inch wheelbase
Turning circle, curb-to-curb (feet)	42.9 feet	47.8 feet

## BRAKES

Front type	Power anti-lock disc	
Front rotor diameter (outer/inner)	12.1 inches / 6.5 inches	
Front caliper configuration	2 calipers, 1.89 inches diameter	
Front axle total swept area	163 square inches	
Rear type	Power anti-lock disc	
Rear rotor diameter (outer/inner)	12.1 inches / 7.9 inches	
Rear caliper configuration	Single caliper, 2.13 inches diameter	
Rear axle total swept area	133 square inches	
Parking brake (type)	Rear brake integrated caliper, hand-operated	

## FUEL CAPACITY

Standard	25 gallons
Optional	31 gallons

## SAFETY/CONTROL SYSTEMS

ABS/stability control	Four-Wheel Anti-Lock Brakes, AdvanceTrac® with Roll Stability Control™(RSC®), Side-Wind Stabilization System
Airbags	Driver and passenger front airbags, driver and passenger front-seat mounted side airbags, and Safety Canopy® side curtains
Chassis safety	Tire Pressure Monitoring System (TPMS), SOS Post-Crash Alert System™

## DRIVER ASSIST

Standard	Post-Collision Braking, Pre-Collision Assist with Automatic Emergency Braking (AEB), Auto High-Beam Headlamps, Lane-Keeping System and Forward Collision Warning.
Available	Adaptive Cruise Control - Includes Adjustable Speed Limiting Device (ASLD), Enhanced Active Park Assist, Blind Spot Information System (BLIS®) with Cross-traffic Alert and Trailer Coverage, Side Sensing System, Front and Rear Split-View Camera.



## WHEELS

Feature	Cargo Van	Crew Van	Passenger Van XL	Passenger Van XLT	Cutaway	Chassis Cab
16-inch steel wheel; sparkle silver-painted with black hubcaps (Standard front axle configurations only) SRW.	S	S	S	N/A	S	S
16-inch steel wheel sparkle silver-painted with full silver wheel cover (standard front axle configurations only) SRW.	O	O	O	S	O	O
16-inch steel wheel sparkle silver-painted with exposed lug nuts (heavy-duty front axle configurations only) SRW.	S	S	S	S	S	S
16-inch styled aluminum wheel (standard front axle configurations only). Available with exterior upgrade package – SRW.	O	O	O	O	O	O
16-inch forged aluminum wheel (heavy-duty front axle configurations only). Available with exterior upgrade package – SRW (heavy-duty front axle configurations only).	O	O	O	O	O	O
16-inch heavy-duty forged aluminum wheel (standard front axle configurations only). Available with exterior upgrade package – DRW (standard front axle configurations only).	O	O	O	O	O	O
16-inch heavy-duty forged aluminum wheel (heavy-duty front axle configurations only). Available with exterior upgrade package – DRW (heavy-duty front axle configurations only).	O	O	O	O	O	O
16-inch steel wheel with exposed lug nuts. (standard front axle configurations only) (Fleet Only). Available with exterior upgrade package – DRW	P/F	P/F	F	P/F	P/F	P/F
16-inch heavy-duty sparkle silver-painted steel wheel with exposed lug nuts - DRW (standard on standard front axle configurations) & (standard on heavy-duty front axle configurations)	S	S	S	S	S	S

Note: P = Packaged Option F = Fleet Option

## HEADLIGHTS

Standard hi/low automatic on/off	Halogen
Available	HID with LED signature surround
Fog lamps (Optional)	Halogen



**EXTERIOR DIMENSIONS: PASSENGER VAN, CREW VAN, CARGO VAN** (inches unless otherwise noted)

Length	Regular	Regular	Long	Long	Long	Long-EL
Roof height	Low	Medium	Low	Medium	High	High
<b>Passenger Van</b>						
Wheelbase	129.9	129.9	147.6	147.6	147.6	147.6
Length	219.9	217.8	237.6	235.5	235.5	263.9
Height	82.3	98.8	99.9	99.2	108.6	107.7
Width - Excluding Mirrors (SRW/DRW)	81.3	81.3	81.3	81.3	81.3	81.3
Width - Including Mirrors	97.4	97.4	97.4	97.4	97.4	97.4
Width - Mirrors Folded	83.2	83.2	83.2	83.2	83.2	83.2
Front Track	68.2	68.2	68.2	68.2	68.2	68.2
Rear Track	68.6	68.6	68.6	68.6	68.6	68.6
Front Overhang	40.3	40.3	40.3	40.3	40.3	40.3
Rear Overhang	49.7	47.6	49.7	47.6	47.6	76.0
Load Height (Curb)	28.2	28.2	28.8	28.8	28.8	27.8
Rear Cargo Door Opening Height	46.9	62.8	46.9	62.8	72.2	72.2
Rear Cargo Door Opening Width	59.8	59.8	59.8	59.8	59.8	59.8
Minimum ground clearance						
<b>Crew Van</b>						
Wheelbase	129.9	129.9	147.6	147.6	147.6	147.6
Overall Length	219.9	217.8	237.6	235.5	235.5	263.9
Height	82.2	99.1	82.6	100.3	109.2	110.2
Width - Excluding Mirrors (SRW/DRW)	81.3	81.3	81.3	81.3	81.3	81.3
Width - Including Mirrors	97.4	97.4	97.4	97.4	97.4	97.4
Width - Mirrors Folded	83.2	83.2	83.2	83.2	83.2	83.2
Front Track (SRW/DRW)	68.2	68.2	68.2	68.2	68.2	68.2
Rear Track (SRW/DRW)	68.6	68.6	68.6	68.6	68.6	68.6
Front Overhang	40.3	40.3	40.3	40.3	40.3	40.3
Rear Overhang	49.7	47.6	49.7	47.6	47.6	76.0
Load Height (Curb)	28.9	28.9	28.7	28.7	28.7	28.0
Side Cargo Door Opening Height	49.6	63.0	49.6	63.0	63.0	63.0
Side Cargo Door Opening Width-Hinged	51.2	51.2	51.2	51.2	51.2	51.2
Side Cargo Door Opening Width-Sliding	51.2	51.2	51.2	51.2	51.2	51.2
Rear Cargo Door Opening Height	49.5	64.9	49.5	64.9	74.3	74.3
Rear Cargo Door Opening Width	61.7	61.7	61.7	61.7	61.7	61.7
Minimum ground clearance						
<b>Cargo Van</b>						
Wheelbase	129.9	129.9	147.6	147.6	147.6	147.6
Overall Length	219.9	217.8	237.6	235.5	235.5	263.9
Height	82.2	99.1	82.9	101.3	109.6	110.4
Width - Excluding Mirrors (SRW/DRW)	81.3	81.3	81.3	81.3	81.3	81.3/83.7
Width - Including Mirrors	97.4	97.4	97.4	97.4	97.4	97.4
Width - Mirrors Folded	83.2	83.2	83.2	83.2	83.2	83.2/83.7
Front Track (SRW/DRW)	68.2	68.2	68.2	68.2	68.2	68.2/68.5
Rear Track (SRW/DRW)	68.6	68.6	68.6	68.6	68.6	68.6/65.7
Front Overhang	40.3	40.3	40.3	40.3	40.3	40.3
Rear Overhang	49.7	47.6	49.7	47.6	47.6	76.0
Load Height (Curb)	28.9	28.9	28.7	28.7	28.7	28.0
Side Cargo Door Opening Height	49.6	63.0	49.6	63.0	63.0	63.0
Side Cargo Door Opening Width-Hinged	51.2	51.2	51.2	51.2	51.2	51.2



Side Cargo Door Opening Width-Sliding	51.2	51.2	51.2	51.2	51.2	51.2
Rear Cargo Door Opening Height	49.5	64.9	49.5	64.9	74.3	74.3
Rear Cargo Door Opening Width	61.7	61.7	61.7	61.7	61.7	61.7

Minimum ground clearance

## INTERIOR DIMENSIONS (inches unless otherwise noted)

Length	Regular	Regular	Long	Long	Long	Long-EL
Roof height	Low	Medium	Low	Medium	High	High

### Passenger Van

Head Room - First Row	40.8	52	40.8	52	56.6	56.6
Head Room - Second Row (where applicable)	41.1	55.8	41.1	55.8	65.2	65.2
Head Room - Third Row (where applicable)	40.6	55.8	40.6	55.8	65.2	65.2
Head Room - Fourth Row (where applicable)	38.7	55.8	38.7	55.8	65.2	65.2
Head Room - Fifth Row (where applicable)	N/A	N/A	38.1	52.6	61.3	61.3
Leg Room - First Row (Max.)	41.3	41.3	41.3	41.3	41.3	41.3
Leg Room - Second Row (where applicable)	33.7	33.7	33.7	33.7	33.7	33.7
Leg Room - Third Row (where applicable)	35.6	35.6	35.6	35.6	35.6	35.6
Leg Room - Fourth Row (where applicable)	35.6	35.6	35.6	35.6	35.6	35.6
Leg Room - Fifth Row (where applicable)	N/A	N/A	35.6	35.6	35.6	35.6
Hip Room - First Row	60.7	60.7	60.7	60.7	60.7	60.7
Hip Room - Second Row (where applicable)	69.6	69.6	69.6	69.6	69.6	69.6
Hip Room - Third Row (where applicable)	67.3	67.3	67.3	67.3	67.3	67.3
Hip Room - Fourth Row (where applicable)	68	68	68	68	68	68
Hip Room - Fifth Row (where applicable)	N/A	N/A	68	68	68	68
Shoulder Room - First Row	67.9	67.9	67.9	67.9	67.9	67.9
Shoulder Room - Second Row (where applicable)	71.4	71.4	71.4	71.4	71.4	71.4
Shoulder Room - Third Row (where applicable)	67	67	67	67	67	67
Shoulder Room - Fourth Row (where applicable)	67.8	67.8	67.8	67.8	67.8	67.8
Shoulder Room - Fifth Row (where applicable)	N/A	N/A	67.8	67.8	67.8	67.8
Cargo Length Front (at Floor)	124	124	141.7	141.7	141.7	170.2
Cargo Length Front (at Belt)	115.1	115.1	132.8	132.8	132.8	161.3
Cargo Length Between Wheelhouse (SRW/DRW)	53.7	53.7	53.7	53.7	53.7	53.7
Cargo Height Maximum	52.8	67.6	52.8	67.6	77	77

### Crew Van

Head Room - First Row	40.8	52	40.8	52.0	56.6	56.6
Maximum Leg Room - First Row	41.3	41.3	41.3	41.3	41.3	41.3
Leg Room - First Row (Max.)	39.7	39.7	39.7	39.7	39.7	39.7
Hip Room - First Row	60.7	60.7	60.7	60.7	60.7	60.7
Shoulder Room - First Row	67.9	67.9	67.9	67.9	67.9	67.9
Cargo Length Front (at Floor)	126.0	126.0	143.7	143.7	143.7	172.2
Cargo Length Front (at Belt)	115.9	115.9	133.6	133.6	133.6	162.0
Cargo Length Between Wheelhouse (SRW/DRW)	54.8	54.8	54.8	54.8	54.8	54.8
Cargo Height Maximum	56.9	72.0	56.9	72.0	81.5	81.5

### Cargo Van

Head Room - First Row	40.8	52.0	40.8	52.0	56.6	56.6
Leg Room - First Row (Max.)	41.3	41.3	41.3	41.3	41.3	41.3
Hip Room - First Row	60.7	60.7	60.7	60.7	60.7	60.7
Shoulder Room - First Row	67.9	67.9	67.9	67.9	67.9	67.9
Cargo Length Front (at Floor)	126.0	126.0	143.7	143.7	143.7	172.2
Cargo Length Front (Belt)	115.9	115.9	133.6	133.6	133.6	162.0
Cargo Length Between Wheelhouse (SRW/DRW)	54.8	54.8	54.8	54.8	54.8	54.8/45.4



Cargo Height Maximum	56.9	72	56.9	72.0	81.5	81.5
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## BASE CURB WEIGHT (pounds unless otherwise noted)

Length	Regular	Regular	Long	Long	Long	Long-EL
Roof Height	Low	Medium	Low	Medium	High	High

### Passenger Van

3.5L PFDI Gas (RWD/AWD)	5,621/5,856	5,815/6,040	6,023/6,259	6,152/6,388	6,298/6,534	6,865/N/A
3.5L EcoBoost (RWD/AWD)	N/A	N/A	6,105/6,338	6,235/6,468	6,381/6,614	6,948/7,187

### Cargo Van

3.5L PFDI Gas (RWD/AWD)	4,985/5,210	5,115/5,340	5,087/5,323	5,235/5,471	5,330/5,566	5,533/5,769
3.5L EcoBoost (RWD/AWD)	5,066/5,294	5,201/5,429	5,171/5,403	5,318/5,550	5,413/5,645	5,615/5,847

### Crew Van

3.5L PFDI Gas (RWD/AWD)	5,308/5,533	5,438/5,663	5,410/5,646	5,558/5,794	5,653/5,889	6,066/6,308
3.5L EcoBoost (RWD/AWD)	5,389/5,616	5,524/5,752	5,513/5,726	5,660/5,873	5,755/5,968	6,175/6,338

## CAPACITIES (cubic feet unless otherwise noted)

Length	Regular	Regular	Long	Long	Long	Long-EL
Roof	Low	Medium	Low	Medium	High	High

### Passenger Van

Seating	2, 8, 10	2, 5, 8, 10	2, 12, 14, 15	2, 8, 12, 14, 15	2, 8, 12, 14, 15	2, 10, 14, 15
Cargo Volume Behind First Row (range)	224.5	292.7	223.5 – 256.4	303.1 – 336.1	349.6 – 382.6	425.4 – 461.9
Cargo Volume Behind Second Row (range)	1151.8	197.9	150.0 – 183.0	206.8 – 239.8	240.1 – 273.0	313.1
Cargo Volume Behind Third Row (range)	94.2	125	91.5 – 124.5	133.9 – 166.9	157 – 190	230
Cargo Volume Behind Fourth Row (range)	39.1	51.8	48.9 – 70.1	72.8 – 93.9	85.8 – 107	184
Cargo Volume Behind Fifth Row	N/A	N/A	N/A	N/A	N/A	100.5

### Crew Van

Seating	5	5	5	5	5	5
Cargo Volume Behind Second Row	158.4	220.4	204.7	263.4	300.2	383.8

### Cargo Van

Seating	2	2	2	2	2	2
Cargo Volume Behind First Row	246.7	315.2	277.7	357.1	404.3	487.3
Maximum Cargo Volume with Front Passenger Seat Removed	280.9	358.7	311.9	400.5	453.4	536.4

## MAXIMUM PAYLOAD CAPABILITIES

### Cargo Van

Transit Level	Roof	Length	Wheelbase (in.)	Engine	RWD/AWD	GVWR (lbs.)	Max Payload (lbs.)
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T-150	Low	Regular	129.9	3.5L PFDI V6	RWD	8,670	3,630
T-150	Low	Regular	129.9	3.5L EcoBoost V6	RWD	8,670	3,550
T-150	Low	Regular	129.9	3.5L PFDI V6	AWD	8,670	3,400
T-150	Low	Regular	129.9	3.5L EcoBoost V6	AWD	8,670	3,320
T-150	Low	Long	147.6	3.5L PFDI V6	RWD	8,670	3,530
T-150	Low	Long	147.6	3.5L EcoBoost V6	RWD	8,670	3,440
T-150	Low	Long	147.6	3.5L PFDI V6	AWD	8,670	3,290
T-150	Low	Long	147.6	3.5L EcoBoost V6	AWD	8,670	3,210
T-150	Medium	Regular	129.9	3.5L PFDI V6	RWD	8,670	3,500
T-150	Medium	Regular	129.9	3.5L EcoBoost V6	RWD	8,670	3,410
T-150	Medium	Regular	129.9	3.5L PFDI V6	AWD	8,670	3,270
T-150	Medium	Regular	129.9	3.5L EcoBoost V6	AWD	8,670	3,180
T-150	Medium	Long	147.6	3.5L PFDI V6	RWD	8,670	3,380
T-150	Medium	Long	147.6	3.5L EcoBoost V6	RWD	8,670	3,290
T-150	Medium	Long	147.6	3.5L PFDI V6	AWD	8,670	3,140
T-150	Medium	Long	147.6	3.5L EcoBoost V6	AWD	8,670	3,060
T-250	Low	Regular	129.9	3.5L PFDI V6	RWD	9,070	4,030
T-250	Low	Regular	129.9	3.5L EcoBoost V6	RWD	9,070	3,950
T-250	Low	Regular	129.9	3.5L PFDI V6	AWD	9,070	3,800
T-250	Low	Regular	129.9	3.5L EcoBoost V6	AWD	9,070	3,720
T-250	Low	Long	147.6	3.5L PFDI V6	RWD	9,070	3,930
T-250	Low	Long	147.6	3.5L EcoBoost V6	RWD	9,070	3,840
T-250	Low	Long	147.6	3.5L PFDI V6	AWD	9,070	3,690
T-250	Low	Long	147.6	3.5L EcoBoost V6	AWD	9,070	3,610
T-250	Medium	Regular	129.9	3.5L PFDI V6	RWD	9,070	3,900
T-250	Medium	Regular	129.9	3.5L EcoBoost V6	RWD	9,070	3,810
T-250	Medium	Regular	129.9	3.5L PFDI V6	AWD	9,070	3,670
T-250	Medium	Regular	129.9	3.5L EcoBoost V6	AWD	9,070	3,580
T-250	Medium	Long	147.6	3.5L PFDI V6	RWD	9,070	3,780
T-250	Medium	Long	147.6	3.5L EcoBoost V6	RWD	9,070	3,690
T-250	Medium	Long	147.6	3.5L PFDI V6	AWD	9,070	3,540
T-250	Medium	Long	147.6	3.5L EcoBoost V6	AWD	9,070	3,460
T-250	High	Long	147.6	3.5L PFDI V6	RWD	9,070	3,680
T-250	High	Long	147.6	3.5L EcoBoost V6	RWD	9,070	3,600
T-250	High	Long	147.6	3.5L PFDI V6	AWD	9,070	3,440
T-250	High	Long	147.6	3.5L EcoBoost V6	AWD	9,070	3,360
T-250	High	Long-EL	147.6	3.5L PFDI V6	RWD	9,070	3,480
T-250	High	Long-EL	147.6	3.5L EcoBoost V6	RWD	9,070	3,390
T-250	High	Long-EL	147.6	3.5L PFDI V6	AWD	9,070	3,240
T-250	High	Long-EL	147.6	3.5L EcoBoost V6	AWD	9,070	3,160



## MAXIMUM PAYLOAD CAPABILITIES CONTINUED

### Cargo Van

Transit Level	Roof	Length	Wheelbase (in.)	Engine	RWD/AWD	GVWR (lbs.)	Max Payload (lbs.)
T-350	Low	Regular	129.9	3.5L PFDI V6	RWD	9,500	4,460
T-350	Low	Regular	129.9	3.5L EcoBoost V6	RWD	9,500	4,380
T-350	Low	Regular	129.9	3.5L PFDI V6	AWD	9,500	4,230
T-3150	Low	Regular	129.9	3.5L EcoBoost V6	AWD	9,500	4,150
T-350	Low	Long	147.6	3.5L PFDI V6	RWD	9,500	4,360
T-350	Low	Long	147.6	3.5L EcoBoost V6	RWD	9,500	4,280
T-350	Low	Long	147.6	3.5L PFDI V6	AWD	9,500	4,120
T-350	Low	Long	147.6	3.5L EcoBoost V6	AWD	9,500	4,050
T-350	Medium	Regular	129.9	3.5L PFDI V6	RWD	9,500	4,330
T-350	Medium	Regular	129.9	3.5L EcoBoost V6	RWD	9,500	4,240
T-350	Medium	Regular	129.9	3.5L PFDI V6	AWD	9,500	4,100
T-350	Medium	Regular	129.9	3.5L EcoBoost V6	AWD	9,500	4,010
T-350	Medium	Long	147.6	3.5L PFDI V6	RWD	9,500	4,210
T-350	Medium	Long	147.6	3.5L EcoBoost V6	RWD	9,500	4,120
T-350	Medium	Long	147.6	3.5L PFDI V6	AWD	9,500	3,970
T-350	Medium	Long	147.6	3.5L EcoBoost V6	AWD	9,500	3,890
T-350	High	Long	147.6	3.5L PFDI V6	RWD	9,500	4,110
T-350	High	Long	147.6	3.5L EcoBoost V6	RWD	9,500	4,030
T-350	High	Long	147.6	3.5L PFDI V6	AWD	9,500	3,870
T-350	High	Long	147.6	3.5L EcoBoost V6	AWD	9,500	3,800
T-350	High	Long-EL	147.6	3.5L PFDI V6	RWD	9,500	3,910
T-350	High	Long-EL	147.6	3.5L EcoBoost V6	RWD	9,500	3,820
T-350	High	Long-EL	147.6	3.5L PFDI V6	AWD	9,500	3,670
T-350	High	Long-EL	147.6	3.5L EcoBoost V6	AWD	9,500	3,590
T-350 HD DRW	High	Long-EL	147.6	3.5L PFDI V6	RWD	9,900	4,090
T-350 HD DRW	High	Long-EL	147.6	3.5L PFDI V6	AWD	9,900	3,850
T-350 HD DRW	High	Long-EL	147.6	3.5L PFDI V6	RWD	9,950	4,140
T-350 HD DRW	High	Long-EL	147.6	3.5L EcoBoost V6	RWD	9,950	4,060
T-350 HD DRW	High	Long-EL	147.6	3.5L PFDI V6	AWD	9,950	3,900
T-350 HD DRW	High	Long-EL	147.6	3.5L EcoBoost V6	AWD	9,950	3,820
T-350 HD DRW	High	Long-EL	147.6	3.5L PFDI V6	RWD	10,360	4,550
T-350 HD DRW	High	Long-EL	147.6	3.5L EcoBoost V6	RWD	10,360	4,470
T-350 HD DRW	High	Long-EL	147.6	3.5L EcoBoost V6	AWD	10,360	4,230

### Crew Van

T-150	Low	Regular	129.9	3.5L PFDI V6	RWD	8,670	3,300
T-150	Low	Regular	129.9	3.5L EcoBoost V6	RWD	8,670	3,220
T-150	Low	Regular	129.9	3.5L PFDI V6	AWD	8,670	3,080
T-150	Low	Regular	129.9	3.5L EcoBoost V6	AWD	8,670	2,990
T-150	Low	Long	147.6	3.5L PFDI V6	RWD	8,670	3,200
T-150	Low	Long	147.6	3.5L EcoBoost V6	RWD	8,670	3,100
T-150	Low	Long	147.6	3.5L PFDI V6	AWD	8,670	2,960
T-150	Low	Long	147.6	3.5L EcoBoost V6	AWD	8,670	2,880



## MAXIMUM PAYLOAD CAPABILITIES CONTINUED

### Crew Van

Transit Level	Roof	Length	Wheelbase (in.)	Engine	RWD/AWD	GVWR (lbs.)	Max Payload (lbs.)
T-150	Medium	Regular	129.9	3.5L PFDI V6	RWD	8,670	3,170
T-150	Medium	Regular	129.9	3.5L EcoBoost V6	RWD	8,670	3,090
T-150	Medium	Regular	129.9	3.5L PFDI V6	AWD	8,670	2,950
T-150	Medium	Regular	129.9	3.5L EcoBoost V6	AWD	8,670	2,860
T-150	Medium	Long	147.6	3.5L PFDI V6	RWD	8,670	3,050
T-150	Medium	Long	147.6	3.5L EcoBoost V6	RWD	8,670	2,950
T-150	Medium	Long	147.6	3.5L PFDI V6	AWD	8,670	2,810
T-150	Medium	Long	147.6	3.5L EcoBoost V6	AWD	8,670	2,730
T-250	Low	Regular	129.9	3.5L PFDI V6	RWD	9,070	3,700
T-250	Low	Regular	129.9	3.5L EcoBoost V6	RWD	9,070	3,620
T-250	Low	Regular	129.9	3.5L PFDI V6	AWD	9,070	3,480
T-250	Low	Regular	129.9	3.5L EcoBoost V6	AWD	9,070	3,390
T-250	Low	Long	147.6	3.5L PFDI V6	RWD	9,070	3,600
T-250	Low	Long	147.6	3.5L EcoBoost V6	RWD	9,070	3,500
T-250	Low	Long	147.6	3.5L PFDI V6	AWD	9,070	3,360
T-250	Low	Long	147.6	3.5L EcoBoost V6	AWD	9,070	3,280
T-250	Medium	Regular	129.9	3.5L PFDI V6	RWD	9,070	3,570
T-250	Medium	Regular	129.9	3.5L EcoBoost V6	RWD	9,070	3,490
T-250	Medium	Regular	129.9	3.5L PFDI V6	AWD	9,070	3,350
T-250	Medium	Regular	129.9	3.5L EcoBoost V6	AWD	9,070	3,260
T-250	Medium	Long	147.6	3.5L PFDI V6	RWD	9,070	3,450
T-250	Medium	Long	147.6	3.5L EcoBoost V6	RWD	9,070	3,350
T-250	Medium	Long	147.6	3.5L PFDI V6	AWD	9,070	3,210
T-250	Medium	Long	147.6	3.5L EcoBoost V6	AWD	9,070	3,130
T-250	High	Long	147.6	3.5L PFDI V6	RWD	9,070	3,360
T-250	High	Long	147.6	3.5L EcoBoost V6	RWD	9,070	3,250
T-250	High	Long	147.6	3.5L PFDI V6	AWD	9,070	3,120
T-250	High	Long	147.6	3.5L EcoBoost V6	AWD	9,070	3,040
T-350	Low	Regular	129.9	3.5L PFDI V6	RWD	9,250	3,880
T-350	Low	Regular	129.9	3.5L EcoBoost V6	RWD	9,250	3,800
T-350	Low	Regular	129.9	3.5L PFDI V6	AWD	9,250	3,660
T-350	Low	Regular	129.9	3.5L EcoBoost V6	AWD	9,250	3,570
T-350	Low	Long	147.6	3.5L PFDI V6	AWD	9,500	3,790
T-350	Low	Long	147.6	3.5L PFDI V6	RWD	9,500	4,030
T-350	Low	Long	147.6	3.5L EcoBoost V6	RWD	9,500	3,930
T-350	Low	Long	147.6	3.5L EcoBoost V6	AWD	9,500	3,720
T-350	Medium	Regular	129.9	3.5L PFDI V6	RWD	9,250	3,750
T-350	Medium	Regular	129.9	3.5L EcoBoost V6	RWD	9,250	3,670
T-350	Medium	Regular	129.9	3.5L PFDI V6	AWD	9,250	3,530
T-350	Medium	Regular	129.9	3.5L EcoBoost V6	AWD	9,250	3,440
T-350	Medium	Long	147.6	3.5L PFDI V6	RWD	9,500	3,880
T-350	Medium	Long	147.6	3.5L EcoBoost V6	RWD	9,500	3,780





## MAXIMUM PAYLOAD CAPABILITIES CONTINUED

### Crew Van

Transit Level	Roof	Length	Wheelbase (in.)	Engine	RWD/AWD	GVWR (lbs.)	Max Payload (lbs.)
T-350	Medium	Long	147.6	3.5L PFDI V6	AWD	9,500	3,640
T-350	Medium	Long	147.6	3.5L EcoBoost V6	AWD	9,500	3,560
T-350	High	Long	147.6	3.5L PFDI V6	RWD	9,500	3,790
T-350	High	Long	147.6	3.5L EcoBoost V6	RWD	9,500	3,690
T-350	High	Long	147.6	3.5L PFDI V6	AWD	9,500	3,550
T-350	High	Long	147.6	3.5L EcoBoost V6	AWD	9,500	3,470
T-350HDDRW	High	Long-EL	147.6	3.5L PFDI V6	RWD	9,900	3,770
T-350HDDRW	High	Long-EL	147.6	3.5L PFDI V6	AWD	9,900	3,520
T-350HDDRW	High	Long-EL	147.6	3.5L PFDI V6	RWD	9,950	3,820
T-350HDDRW	High	Long-EL	147.6	3.5L EcoBoost V6	RWD	9,950	3,710
T-350HDDRW	High	Long-EL	147.6	3.5L PFDI V6	AWD	9,950	3,570
T-350HDDRW	High	Long-EL	147.6	3.5L EcoBoost V6	AWD	9,950	3,490
T-350HDDRW	High	Long-EL	147.6	3.5L PFDI V6	RWD	10,360	4,230
T-350HDDRW	High	Long-EL	147.6	3.5L EcoBoost V6	RWD	10,360	4,120
T-350HDDRW	High	Long-EL	147.6	3.5L EcoBoost V6	AWD	10,360	3,900

### Passenger Van

Transit Level	Roof	Length	Wheelbase (in.)	Engine	Seating	RWD/AWD	GVWR (lbs.)	Max Payload (lbs.)
T-150	Low	Regular	129.9	3.5L PFDI V6	10	RWD	8,550	2,860
T-150	Low	Regular	129.9	3.5L PFDI V6	10	AWD	8,550	2,630
T-150	Medium	Regular	129.9	3.5L PFDI V6	10	RWD	8,550	2,670
T-150	Medium	Regular	129.9	3.5L PFDI V6	10	AWD	8,550	2,440
T-350	Low	Long	147.6	3.5L PFDI V6	12	RWD	9,250	3,160
T-350	Low	Long	147.6	3.5L EcoBoost V6	12	RWD	9,250	3,080
T-350	Low	Long	147.6	3.5L PFDI V6	12	AWD	9,250	2,920
T-350	Low	Long	147.6	3.5L EcoBoost V6	12	AWD	9,250	2,840
T-350	Low	Long	147.6	3.5L PFDI V6	15	AWD	9,550	3,220
T-350	Low	Long	147.6	3.5L EcoBoost V6	15	AWD	9,550	3,140
T-350	Low	Long	147.6	3.5L PFDI V6	15	RWD	9,400	3,310
T-350	Low	Long	147.6	3.5L EcoBoost V6	15	RWD	9,400	3,230
T-350	Medium	Long	147.6	3.5L PFDI V6	12	RWD	9,250	3,030
T-350	Medium	Long	147.6	3.5L EcoBoost V6	12	RWD	9,250	2,950
T-350	Medium	Long	147.6	3.5L PFDI V6	12	AWD	9,250	2,790
T-350	Medium	Long	147.6	3.5L EcoBoost V6	12	AWD	9,250	2,710
T-350	Medium	Long	147.6	3.5L PFDI V6	15	AWD	9,550	3,090
T-350	Medium	Long	147.6	3.5L EcoBoost V6	15	AWD	9,550	3,010
T-350	Medium	Long	147.6	3.5L PFDI V6	15	RWD	9,400	3,170
T-350	Medium	Long	147.6	3.5L EcoBoost V6	15	RWD	9,400	3,090
T-350	High	Long	147.6	3.5L PFDI V6	12	RWD	9,250	2,880
T-350	High	Long	147.6	3.5L EcoBoost V6	12	RWD	9,250	2,800
T-350	High	Long	147.6	3.5L PFDI V6	12	AWD	9,250	2,650
T-350	High	Long	147.6	3.5L EcoBoost V6	12	AWD	9,250	2,570



## MAXIMUM PAYLOAD CAPABILITIES CONTINUED

### Passenger Van

Transit Level	Roof	Length	Wheelbase (in.)	Engine	Seating	RWD/AWD	GVWR (lbs.)	Max Payload (lbs.)
T-350	High	Long	147.6	3.5L PFDI V6	15	AWD	9,550	2,950
T-350	High	Long	147.6	3.5L EcoBoost V6	15	AWD	9,550	2,870
T-350	High	Long	147.6	3.5L PFDI V6	15	RWD	9,400	3,040
T-350	High	Long	147.6	3.5L EcoBoost V6	15	RWD	9,400	2,950
T-350HD DRW	High	Long-EL	147.6	3.5L PFDI V6	15	RWD	10,360	3,420
T-350HD DRW	High	Long-EL	147.6	3.5L EcoBoost V6	15	RWD	10,360	3,340
T-350HD DRW	High	Long-EL	147.6	3.5L EcoBoost V6	15	AWD	10,360	3,100

## MAXIMUM TOWING CAPABILITIES – CONVENTIONAL TOWING

Engine	Model	Wheelbase (in.)	Rear Axle Ratio	GVWR (lbs.)	Max Towing RWD (lbs.)	Max Towing AWD (lbs.)
3.5L PFDI V6	Cargo Van	129.9	3.73/4.10	10,800/12,000	5,300/6,400	5,000/6,100
3.5L PFDI V6	Cargo Van	147.6	3.73/4.10	10,800/12,000	5,100/6,200	4,900/5,800
3.5L PFDI V6	Crew Van	129.9	3.73/4.10	10,800/12,000	4,900/6,000	4,700/5,800
3.5L PFDI V6	Crew Van	147.6	3.73/4.10	10,800/12,000	4,800/5,900	4,400/5,500
3.5L PFDI V6	Passenger Van	129.9	3.73/4.10	10,800/11,200	4,600	4,400
3.5L PFDI V6	Passenger Van	147.6	3.73/4.10	10,800/11,200	4,200/4,500	4,000/4,300
3.5L EcoBoost V6	Cargo Van	129.9	3.31/3.73	11,200/12,600	5,600/5,900	5,300/6,600
3.5L EcoBoost V6	Cargo Van	147.6	3.31/3.73	11,200/12,600	5,500/6,800	5,200/6,500
3.5L EcoBoost V6	Crew Van	129.9	3.31/3.73	11,200/12,600	5,200/6,500	5,000/6,300
3.5L EcoBoost V6	Crew Van	147.6	3.73	12,600	6,400	6,200
3.5L EcoBoost V6	Passenger Van	147.6	3.31/3.73	11,200	4,500/4,400	4,300/4,200

Maximum towing capacities for for properly equipped base vehicles with required equipment. Do not exceed trailer weight of 5,000 lbs. when towing with bumper only.

## WARRANTY

Bumper to Bumper	3 years/36,000 miles
Powertrain	5 years/60,000 miles
Safety Restraint System	5 years/60,000 miles
Corrosion (Perforation only)	5 years/unlimited miles
Roadside Assistance Program	5 years/60,000 miles





Based on your driving needs, you can customize a Ford Protect BaseCARE extended service plan that's right for you.

**NEW PLAN TIME AND MILEAGE OPTIONS**  
Available within New Vehicle Limited Warranty

Plan Length or Miles Covered (Coverage ends at the earlier of years or mileage)	3 Years	4 Years	5 Years	6 Years	7 Years	8 Years
36,000 Miles	■	■	✓	✓	✓	✓
48,000 Miles	✓	✓	✓	✓	✓	✓
60,000 Miles	✓	✓	✓	✓	✓	✓
75,000 Miles	✓	✓	✓	✓	✓	✓
100,000 Miles	✓	✓	✓	✓	✓	✓
125,000 Miles	✓	✓	✓	✓	✓	✓
150,000 Miles	✓	✓	✓	✓	✓	✓

■ Not offered.

**USED PLAN TIME AND MILEAGE OPTIONS**  
Available beyond the New Vehicle Limited Warranty

Coverage lengths range from 1 year/12,000 miles to 6 years/75,000 miles for Model Year 2006 and newer vehicles.

**Drive On with First-Class Service.**



Ford Protect BaseCARE coverage is 100% backed by Ford Motor Company.

- Service provided at Ford and Lincoln dealerships in the U.S., Canada and Mexico
- Ford-authorized parts used for covered repairs
- Factory-trained and certified technicians

**Drive On with Valuable Benefits.**



Ford Protect BaseCARE coverage is there when you need it with 24-hour Roadside Assistance.

- Includes tire change, lockout, out-of-fuel and battery jump-start assistance
- Towing Assistance (up to \$100 per occurrence)
- Emergency Travel Expense (up to \$1,000 within the first 5 days per occurrence)
- Destination Assistance (up to \$75)

**Call 1-800-241-3673**

**Plus, rental vehicle benefits.**

- Standard coverage includes \$30 a day for up to 10 days for covered repairs
- Purchase an Enhanced Rental Option for coverage of \$60 a day for up to 10 days for covered repairs

**Drive On with Key Services.**



Key Services is a benefit within your Ford Protect BaseCARE coverage.<sup>†</sup> The technology in today's keys/key fobs makes it expensive to replace.

- Your Ford Protect Key Services option will replace or reprogram your key(s) and/or fob(s) if they are:
  - Misplaced
  - Damaged and will not work

<sup>†</sup>Not available for Cab/Chassis and Incomplete plans.

**Drive On with Savings.**



Ford Protect BaseCARE coverage is an affordable way to limit your out-of-pocket expenses.

- Protects you from the rising cost of future repair bills
- Pay only your deductible, if any, per covered repair visit
- 100% transferable, which may increase your vehicle's resale value (transfer fee applies)

**For New Ford Protect Plans:**

- Coverage begins with the original in-service date (New Vehicle Limited Warranty start date) and zero miles or hours. Your selected coverage expires upon reaching the earliest of time or mileage

**For Used Ford Protect Plans: Vehicles within the New Vehicle Limited Warranty**

- Eligible Ford, Lincoln and Mercury vehicles that have New Vehicle Limited Warranty remaining at the time of purchase – coverage begins at the signature date and current mileage. Coverage ends at the earlier of the number of months purchased or the number of miles purchased from the expiration of the New Vehicle Limited Warranty

**Vehicles outside the New Vehicle Limited Warranty**

- Coverage for Ford, Lincoln and Mercury vehicles beyond the New Vehicle Limited Warranty and all competitive-make vehicles begins at the signature date and current mileage. Your selected coverage expires upon reaching the earliest of time or mileage

**For Cab and Chassis/Incomplete Vehicles:**

- A variety of time/mileage/hour options and deductibles are available:
  - For Incomplete: within 5 years, 100,000 miles or 4,000 hours of the original in-service date
  - For F-650/750: within the New Vehicle Limited Warranty
- Coverage begins with the original in-service date (New Vehicle Limited Warranty start date) and zero miles or hours. Your selected coverage expires upon reaching the earliest of time, mileage or hours

**0% APR interest-free Installment Payment Plan** with flexible

payment options is available when the extended service plan is not included in the vehicle financing; everyone qualifies, making it the smart choice.



This brochure is intended to provide general information about a BaseCARE extended service plan offered by Ford Protect. It was printed for the October 2020 plan year. Prices and plan details may have changed after the brochure was printed. Plan availability, benefits, coverage and provider may vary by state. Please refer to your plan's service contract for the actual terms and conditions, including a list of covered repairs.

**In Florida, Ford Protect is a Service Contract from Ford Motor Service Company (License #19-383364381).**

**In Texas, Ford Protect is a Service Contract from Ford Motor Service Company (License #SCP-165).**

FORD PROTECT®

**BaseCARE**  
EXTENDED SERVICE PLAN



**84**  
**COVERED**  
**COMPONENTS**





With a Ford Protect BaseCARE extended service plan, you are protected from unforeseen covered repairs on your vehicle for up to the earlier of 8 years or 150,000 miles.

8 years  
150,000 miles

That's well beyond the New Vehicle Limited Warranty that comes with your vehicle. Now is the time to protect your investment with a Ford Protect BaseCARE extended service plan.

Why Ford Protect BaseCARE coverage is such a great value.

The price for parts and labor to repair many major components can be significant. One repair bill can easily exceed the price of your Ford Protect BaseCARE coverage. It's clear that this coverage can quickly pay for itself!

Engine\*  
\$6,003

Transmission\*  
\$4,462



Steering Gear\*  
\$1,831

A/C Evaporator Core\*  
\$1,783

DEDUCTIBLE OPTIONS		
	STANDARD	OPTIONAL
New Ford and Competitive-make Vehicle Plans	\$100	\$0, \$50, \$200, Disappearing
Used Ford and Competitive-make Vehicle Plans	\$100	\$50, \$200, Disappearing

\*These examples are based on an average estimated U.S. retail repair cost for a Ford Edge. Actual repair costs will vary by vehicle and dealer location.

### ENGINE

- All Internally Lubricated Parts
- Cylinder Block
- Cylinder Heads
- Diesel Injector Pump
- Exhaust (Manifold and Bolts)
- Flywheel
- Harmonic Balancer and Bolt
- Intake (Manifold and Bolts)
- Metal Fuel Lines
- Oil Pan
- Oil Pump
- Seals and Gaskets
- Thermostat
- Thermostat Housing
- Timing Chain Cover
- Timing Chain (Gears or Belt)
- Turbocharger/Supercharger Unit (Factory-Installed)
- Valve Covers
- Water Pump

### TRANSMISSION

- All Internally Lubricated Parts
- Seals and Gaskets
- Torque Converter
- Transfer Case (Including All Internal Parts)
- Transmission Case

### ELECTRICAL

- Alternator
- Electronic Ignition Module
- Fuel Pump
- Heated Backglass (Electrical Only – Not Glass Damage or Breakage)
- Ignition Switch
- Radiator Fan Relay
- Speedometer/Odometer (Electrical and Mechanical)
- Starter Motor
- Starter Motor Solenoid
- Switches (Manually Operated, Electrical)
- Voltage Regulator
- Wiper Motors
- Wiring Harnesses (Excluding Spark Plug Wires)

### BRAKES

- Brake Booster (Power)
- Calipers
- Combination Valve
- Master Cylinder
- Metal Lines and Fittings
- Parking Brake Cables
- Parking Brake Linkages
- Retainers and Clips
- Self-Adjusters
- Shaft (Brake Pedal)
- Springs
- Wheel Cylinders

### FRONT SUSPENSION

- Ball Joints (Upper and Lower)
- Control Arms (Upper and Lower)
- Control Arm Shafts and Bushings
- Linkage and Bushings
- MacPherson Style Struts
- Spindle and Spindle Supports
- Stabilizer Bar
- Tie Rods

### REAR/FRONT-WHEEL-DRIVE AXLE

- Axle Shafts
- Rear: Drive Axle Housing and Front Axle Housing for 4x4 (Including All Internal Parts)
- Front: Final Drive Housing and Rear Axle Housing for AWD (Including All Internal Parts)
- Driveshaft
- Locking Rings (Four-Wheel Drive)
- Seals and Gaskets
- Universal and Constant Velocity Joints
- Viscous Coupler/Flexible Coupler

### STEERING

- Column Lock (Tilt Wheel)
- Control Valve
- Cooler and Metal Lines
- Idle Arm
- Power Steering Pump/Electric Power Steering Actuator
- Pulley Assembly
- Seals and Gaskets
- Steering Gear Housing, Manual and Power (Including All Internal Parts)
- Underbody Linkages and Couplings

### AIR CONDITIONING

- A/C Clutch
- A/C Clutch Bearings
- A/C Compressor
- A/C Compressor Clutch Switch
- A/C Compressor Head
- A/C Compressor Seals
- A/C Condenser
- Evaporator
- Field Coil
- Pulley

100% Backed by Ford

24-Hour Roadside Assistance  
1-800-241-3673

84 Covered Components

Rental Benefits

Key Services

Ford-Authorized Parts

Transferable

Service in the U.S., Canada and Mexico

Ford Certified Technicians



11/30/2020

PL115

**2021 Transit 350 Wagon XL, Long Wheelbase EL (148")**

Each

MSRP

2021 Ford Transit 350 LWB Extended-Length Body Passenger Van XL *High-Roof (108" Total Height) *3.5L PFDi (Gas, Non-Ecoboost) (#998) *10-Speed Automatic Transmission *10,360lb. GVWR *4.10 Limited Slip (X4L) *Halogen Headlamps (Automatic) *Ebony Cloth Seats (CB) *Manual Driver-Side Lumbar Support *148" Wheelbase *250 Amp Alternator (Gas Engines) *4-Wheel anti-lock disc brakes *Tilt/Telescopic Steering Wheel *Electric Power-Assist Steering *AM/FM Stereo w/Bluetooth w/Dual USB Ports *5-Amp USB Ports at each Passenger Row. *4" Multi-Function Stereo Display *Full-Size Spare Tire & Wheel	*FordPass Connect/Telematics Modem *Rear View Camera w/Trailer Hitch Assist. *Front/Rear A/C-Heat *Short-Arm Power Mirrors (Manual-Folding). *Keyless Entry *Hill Start Assist *Tire Pressure Monitoring System *Auto Rain-Sensing Wipers. *Forward Collision Warning *Pre-Collision Assist w/Auto Emergency Braking *Lane Keeping Alert System *Auto High-Beam Headlamps *AvanceTrac w/Roll Stability Control *Side Wind Stabilization *Roof Marker Lamps *195/75R16 R BSW All-Season Tires *Dual Rear Wheel Axle *Rear Recovery Hook/Tow Hook *Locking Glove Box *Rear Window Defroster *Rear Door 180-degrees Opening	1	\$45,655.00
<b>Ford OEM Options</b>		1	
50/50 Hinged Rear Door, 253-degree Opening Only available on Long and Extended Length configurations.		1	\$75.00
Long-Arm, Power-Adjusting, Manual-Folding Heated Mirrors with Turn Signals. Available with BLIS with Cross-traffic Alert and Trailer Coverage (65A).		1	\$220.00
Privacy Glass. Includes Rear-window Defroster. Note: Provides protection of vehicle occupant(s) and occupant personal belongings. The glass also provides occupant comfort by helping to reduce vehicle cool-down time.		1	\$500.00
Cruise Control. Includes Adjustable Speed Limiting Device (ASLD). Note: The ASLD feature is great for city driving; it allows the driver to set an upper speed limit for the vehicle. If the vehicle begins to approach the upper speed limit then audible and visual warning are given.		1	\$325.00
Front Overhead Shelf. Not available on Low Roof Transit Vans		1	\$75.00
Ebony Cloth, 10-way power heated Driver and 10- way power heated Passenger seats. Lumbar support and inboard armrests on both seats. (CB)		1	\$875.00
Dual AGM Batteries. (70 amp-hr. each).		1	\$295.00
Keys: 2 additional (4 total) with key fobs.		1	\$75.00
Builder's Prep Package Builders Prep Package ● Deletes Rear Floor Covering, Rear-Seat Rails and Fasteners, Rear-Seats and Restraints.		1	(\$1,240.00)
Daytime Running Lamps Note: Provide enhanced vehicle visibility during daylight conditions.		1	\$45.00
Oxford White		1	\$0.00
Destination & Delivery (required on all Transits)		1	\$1,695.00

Transit 350EL Passenger Van, High-Roof  
Clackamas

\$48,595.00

Total MSRP

Date	11/25/2020		
Year/Make/Model	2020 Ford Transit 350EL Passenger Van	US%	98.43%
VIN	TBD	Foreign/Unresponsive	1.57%
Dealer	Schetky NW Portland	Buy-America *Estimate*	
End User	Clackamas County	Estimated Cost Documentation	
Conversion	Rear Lift		



Component/Subcomponent	Component Description	Supplier Name	Manufacturer location	Unit	Quantity	% U.S.	% Vendor Unresponsive or Foreign
U4X 350EL Transit	2020 Ford Transit 350EL Passenger Van	Ford Motor	Kansas City	Each	1	79.35%	0.00%
RM-LI-00629	LIFT INSTALL KIT REAR BRAUN EL	Braun Corporation	Winamac, Indiana	EACH	1	0.35%	0.00%
RM-LI-00728	PENDANT CLIP HAND CONTROL HANG	Braun Corporation	Winamac, Indiana	EACH	1	0.01%	0.00%
RM-LI-02354	WC LIFT BRAUN 1000#	Braun Corporation	Winamac, Indiana	EACH	1	6.46%	0.00%
RM-SE-02445	SEAT 2-P SS FLDAWY	Freedman Seating	Chicago, IL	EACH	2	2.26%	0.00%
RM-EL-02659	FORD TRANSIT HIGH IDLE CONTROL	Intermotive	Auburn, CA	EACH	1	0.33%	0.00%
RM-WI-02471	2020 FORD TRANSIT INTERLOCK/PL	Intermotive	Auburn, CA	EACH	1	0.47%	0.00%
FA-BR-01532	5/16-18, 12 GA NUT BRACKET FOR	NorCal Vans	Chico, CA	EACH	1	0.01%	0.00%
FA-BR-01534	1/2-13, 12 GA NUT BRACKET FORM	NorCal Vans	Chico, CA	EACH	2	0.00%	0.00%
RM-EL-00736	PHOT-ELECTRIC EYE	Fenton Mobility	Jamestown, NY	EACH	1	0.55%	0.00%
RM-LI-00753	SHIFT-N-STEP BASE	Fenton Mobility	Jamestown, NY	EACH	1	5.43%	0.00%
RM-PN-01102	HEADLINER MODIFICATION KIT	Fenton Mobility	Jamestown, NY	EACH	1	0.73%	0.00%
FA-BR-01774	5/16-18, 14GA 3 HOLE NUT BRACK	NorCal Vans	Chico, CA	EACH	2	0.05%	0.00%
FA-BR-01804	L-TRACK UNDER FLOOR SUPPORT WA	NorCal Vans	Chico, CA	EACH	7	0.03%	0.00%
FA-BR-01856	L-TRACK TUBE NUT BRACKET (2) H	NorCal Vans	Chico, CA	EACH	1	0.02%	0.00%
FA-BR-01880	SHOULDER BELT D-PILLAR EL BASE	NorCal Vans	Chico, CA	EACH	1	0.06%	0.00%
FA-BR-01884	SHOULDER BELT D-PILLAR SS HIGH	NorCal Vans	Chico, CA	EACH	1	0.03%	0.00%
FA-BR-02505	FRONT PASSENGER SEAT STORAGE B	NorCal Vans	Chico, CA	EACH	2	0.07%	0.00%
FA-BR-02628	SEAT MOUNTING BRACKET 10 GA 2.	NorCal Vans	Chico, CA	EACH	4	0.02%	0.00%
FA-FL-02038	FORD TRANSIT SPARE TIRE RELEAS	NorCal Vans	Chico, CA	EACH	1	0.00%	0.00%
FA-FL-02231	FLOOR 148" EL U4X HALF BACK FL	NorCal Vans	Chico, CA	EACH	1	0.71%	0.00%
FA-SE-01386	SEAT BASE 14 GA GALV 16" X 20"	NorCal Vans	Chico, CA	EACH	1	0.01%	0.00%
FA-SE-01389	SEAT BASE SPACER 3/4" LG NCV F	NorCal Vans	Chico, CA	EACH	4	0.02%	0.00%
FA-SE-01391	SEAT BASE 3/8' WOOD SPACER KIT	NorCal Vans	Chico, CA	EACH	1	0.00%	0.00%
FA-SO-01933	STORAGE BOX ASSEMBLY TO REPLAC	NorCal Vans	Chico, CA	EACH	1	0.16%	0.00%
FA-TD-01394	STL PLATE 14 GA GALV 8" X 12"	NorCal Vans	Chico, CA	EACH	2	0.01%	0.00%
FA-TD-01475	STL PLATE 14 GA GALV 8" X 24"	NorCal Vans	Chico, CA	EACH	1	0.01%	0.00%
FA-WO-01393	SPACER 3/8 PLYWOOD FOR L-TRACK	NorCal Vans	Chico, CA	EACH	14	0.02%	0.00%
FA-WO-01583	FUSE BLOCK BASE PLATE 1/2" PLY	NorCal Vans	Chico, CA	EACH	1	0.00%	0.00%
FA-WO-01664	WOOD SHIM KIT FOR MOUNTING REA	NorCal Vans	Chico, CA	EACH	1	0.02%	0.00%
FA-WO-01800	NCV WOOD FLOOR SPACER 3/8" x 4	NorCal Vans	Chico, CA	EACH	16	0.02%	0.00%
FA-TD-02613	FLANGED L-TRACK 8" LG CUT TO L	Q'Straint	Oakland Park, FL.	EACH	2	0.03%	0.00%
FA-TD-02614	FLANGED L-TRACK 18" LG CUT TO	Q'Straint	Oakland Park, FL.	EACH	1	0.02%	0.00%
RM-PL-01140	END CAP,SILVER,FLANGED L-TRACK	Q'Straint	Oakland Park, FL.	EACH	6	0.01%	0.00%
RM-SE-00650	SHOULDER & LAP BELT, Wagon, PI	Q'Straint	Oakland Park, FL.	EACH	1	0.18%	0.00%
RM-TD-00482	WEBBING LOOP,14",BLUE (EA)	Q'Straint	Oakland Park, FL.	EACH	4	0.01%	0.00%
RM-TD-00772	TIE DOWN KIT, QRT DELUXE	Q'Straint	Oakland Park, FL.	EACH	2	0.96%	0.00%
DO-IS-02692	WORK INSTRUCTIONS PULLING INVE	Unresponsive		EACH	1	0.00%	0.00%
DO-IS-02757	TRANSIT SPARE TIRE RELEASE REL	Unresponsive		EACH	1	0.00%	0.00%
RM-AD-00168	590 Poly Adhesive, 600ml, 3m	Unresponsive		EACH	3	0.00%	0.08%
RM-BO-00051	BOLT, 7/16-14 x 3" GR8 HH, ZP	Unresponsive		EACH	4	0.00%	0.01%
RM-BO-00060	BOLT,L-TRACK,5/16-18x2,ZP,FHC	Unresponsive		EACH	7	0.00%	0.00%

RM-BO-00066	BOLT,L-TRACK,5/16-18x2-1/2,ZP,	Unresponsive	EACH	4	0.00%	0.00%
RM-BO-00071	BOLT 1/2"-13 X 1-1/2" Long	Unresponsive	EACH	2	0.00%	0.00%
RM-BO-00125	BOLT,7/16-14 X 3.5" GR8,ZP	Unresponsive	EACH	1	0.00%	0.00%
RM-BO-00129	BOLT,1/4-20*1",GR5,ZP	Unresponsive	EACH	1	0.00%	0.00%
RM-BO-00143	BOLT,1/2-13x4-1/2,GR8,ZP,HH,PT	Unresponsive	EACH	1	0.00%	0.00%
RM-BO-00236	BOLTM6x1x20 FLNGD BHCS 316 SS	Unresponsive	EACH	2	0.00%	0.00%
RM-BR-00199	BRACKETS,MEGA STEP,SIDE,SHORT/	Unresponsive	EA	1	0.00%	0.27%
RM-BR-00414	EXTENSION,MEGA STEP BRACKET,SI	Unresponsive	EA	6	0.00%	0.09%
RM-BR-01269	DRIVELINE LOOP,SAFETY STRAP	Unresponsive	EACH	1	0.00%	0.02%
RM-BR-01270	DRIVELINE LOOP PLATE	Unresponsive	EACH	1	0.00%	0.04%
RM-CL-00075	Zinc Plated Steel Loom Clamp,	Unresponsive	EACH	1	0.00%	0.00%
RM-CL-01115	CLAMP LOOM 1/2" WIDE X 7/8" D	Unresponsive	EACH	1	0.00%	0.00%
RM-DE-00148	DECAL, Priority Seating, 3" x	Unresponsive	EACH	1	0.00%	0.01%
RM-DE-00149	DECAL, Wheelchair Securement	Unresponsive	EACH	1	0.00%	0.01%
RM-DE-00174	DECAL, PARKING COURTESY- Extra	Unresponsive	EACH	1	0.00%	0.00%
RM-DE-00385	TAG, ALTERED BY, B-PILLAR	Unresponsive	EACH	1	0.00%	0.00%
RM-DE-00389	TAG, TIRE, B-PILLAR	Unresponsive	EACH	1	0.00%	0.00%
RM-DE-00401	STICKER,NCV.COM, SLATE	Unresponsive	EACH	2	0.00%	0.01%
RM-DE-00402	DECAL, VANS LOGO - BLACK	Unresponsive	EACH	2	0.00%	0.01%
RM-DE-00809	Door Tag, FED CERT W/Overlay	Unresponsive	EACH	1	0.00%	0.00%
RM-DE-01082	DECAL,LOGO Nor-Cal Vans,raised	Unresponsive	EACH	1	0.00%	0.01%
RM-EL-00363	CONNECTOR,BUTT,RED,22-18 GA	Unresponsive	EACH	2	0.00%	0.00%
RM-EL-00363	CONNECTOR,BUTT,RED,22-18 GA	Unresponsive	EACH	2	0.00%	0.00%
RM-EL-00363	CONNECTOR,BUTT,RED,22-18 GA	Unresponsive	EACH	2	0.00%	0.00%
RM-EL-00366	WIRE LOOM,SPLIT,3/8"	Unresponsive	FOOT	10	0.00%	0.01%
RM-EL-00390	RESISTOR,2.7 OHM,2W, +/-5%	Unresponsive	EACH	2	0.00%	0.00%
RM-EL-00407	TERM,RING,RED,22-18,#10 STUD	Unresponsive	EACH	1	0.00%	0.00%
RM-EL-00407	TERM,RING,RED,22-18,#10 STUD	Unresponsive	EACH	1	0.00%	0.00%
RM-EL-00421	PIN,22-18 GA,AWG,FEMALE,Au pla	Unresponsive	EACH	1	0.00%	0.00%
RM-EL-00432	BATTERY LUG,6 & 4-GA,1/4"STUD	Unresponsive	EACH	2	0.00%	0.00%
RM-EL-00436	BATTERY LUG,6 & 4-GA,3/8"STUD	Unresponsive	EACH	1	0.00%	0.00%
RM-EL-00460	ALARM,BACKUP,97 Db, 12VDC	Unresponsive	EACH	1	0.00%	0.04%
RM-EL-00474	FUSE,80amp,MIDI, Transit Lift I	Unresponsive	EACH	1	0.00%	0.00%
RM-EL-00518	FUSE, MINI 10 AMP	Unresponsive	EACH	3	0.00%	0.00%
RM-EL-00518	FUSE, MINI 10 AMP	Unresponsive	EACH	3	0.00%	0.00%
RM-EL-00521	FUSE ADAPTER,MINI,INLINE, TAPA	Unresponsive	EACH	1	0.00%	0.02%
RM-EL-01939	BATTERY BOOT, 2-2/0 GA, RED	Unresponsive	EACH	1	0.00%	0.00%
RM-EL-01973	MINI FUSE HOLDER, 12GA 30 AMP	Unresponsive	EACH	3	0.00%	0.01%
RM-EL-01973	MINI FUSE HOLDER, 12GA 30 AMP	Unresponsive	EACH	3	0.00%	0.01%
RM-EL-02148	INSULATED RED 1/4" RING TERMIN	Unresponsive	EACH	3	0.00%	0.00%
RM-EL-02292	20-22GA POSI-TAP, 6 PER PACK	Unresponsive	EACH	1	0.00%	0.00%
RM-FB-00502	FABRIC,TRUNK LINER,BLACK(Heath	Unresponsive	LNYD	4	0.00%	0.05%
RM-FB-01999	MEDIUM OPAL, THERMAL BOND (147	Unresponsive	LNYD	0	0.00%	0.00%
RM-GR-00468	GRAB RAIL,SIDE,38",1-1/4" SS,B	Unresponsive	EACH	1	0.00%	0.06%
RM-NU-00017	NUT,NYLOCK,3/8-16 ZP,GR8	Unresponsive	EACH	8	0.00%	0.00%
RM-NU-00064	NUT,NYLOCK,7/16-14 ZP Grade 8	Unresponsive	EACH	4	0.00%	0.00%
RM-NU-00230	M5 X .8 SERRATED FLANGED LOCK	Unresponsive	EACH	1	0.00%	0.00%
RM-NU-02051	M6 x 1 MM ZP FLANGE NYLOC NUT	Unresponsive	EACH	2	0.00%	0.00%
RM-NU-02266	5/16-18 GR 8 ZP STEEL SERRATED	Unresponsive	EACH	13	0.00%	0.00%
RM-PL-00443	PLUG,PUSH IN,BLACK,1-1/2"	Unresponsive	EACH	1	0.00%	0.00%
RM-PL-00476	PLUG,PUSH IN,BLACK,5", BUS	Unresponsive	EACH	1	0.00%	0.01%
RM-PL-01183	PLUG,PUSH IN,BLACK,3-3/8"	Unresponsive	EACH	1	0.00%	0.00%
RM-RI-00375	RIVET 3/16, .251-.375, AL BODY	Unresponsive	EACH	4	0.00%	0.00%

RM-RI-00378	RIVET,3/16,AL ,251-.375, BLAC	Unresponsive	EACH	4	0.00%	0.00%
RM-RU-01597	BLACK EDGE TRIM 1-1/2 X 3" RUB	Unresponsive	IN	120	0.00%	0.05%
RM-SA-00462	First Aid Only FAO-442 All-Pur	Unresponsive	EACH	1	0.00%	0.04%
RM-SA-00470	CUTTER/BREAKER,SEATBELT&WINDOW	Unresponsive	EACH	1	0.00%	0.00%
RM-SA-00471	FIRE EXTINGUISHER,5 Lb,w/ moun	Unresponsive	EACH	1	0.00%	0.06%
RM-SA-00472	Emergency Warning Triangles, S	Unresponsive	EACH	1	0.00%	0.04%
RM-SC-00033	SCREW,#8*1",S/D,Z/P,OVAL HEAD	Unresponsive	EACH	6	0.00%	0.00%
RM-SC-00050	SCREW,BLACK,#8*3/4",P/H PHIL	Unresponsive	EACH	2	0.00%	0.00%
RM-SC-00058	SCREW,"SEMS",BLACK,#8*3/4"	Unresponsive	EACH	6	0.00%	0.00%
RM-SC-00058	SCREW,"SEMS",BLACK,#8*3/4"	Unresponsive	EACH	6	0.00%	0.00%
RM-SC-00061	SCREW,"SEMS",BLACK,#8*1"	Unresponsive	EACH	6	0.00%	0.00%
RM-SC-00225	SCREW, PANHEAD #8 X 5/8", ZP S	Unresponsive	EACH	4	0.00%	0.00%
RM-SC-00805	SCREW,"SEMS",BLACK,#8*1-1/4"	Unresponsive	EACH	6	0.00%	0.00%
RM-SC-01095	SCREW,1/4-14*1-1/4,S/D,Z/P,HEX	Unresponsive	EACH	2	0.00%	0.00%
RM-SE-00467	COVER,SEAT BELT PULLEY,GRAY	Unresponsive	EACH	1	0.00%	0.02%
RM-SE-00845	Postural Belt (black webbing)	Unresponsive	EACH	1	0.00%	0.05%
RM-ST-00204	GRIP STEP,SIDE,SHORT/LONG,BLK,	Unresponsive	EA	1	0.00%	0.37%
RM-ST-00380	STEP EDGE, YELLOW,9' piece	Unresponsive	FEET	6	0.00%	0.07%
RM-TD-00427	BAG,TIEDOWN STORAGE,WALL MOUNT	Unresponsive	EACH	1	0.00%	0.05%
RM-WA-00034	WASHER,1/2",1-3/8" OD,GR8,USS,	Unresponsive	EACH	5	0.00%	0.00%
RM-WA-00042	WASHER,3/8" SAE,FLAT,ZP	Unresponsive	EA	2	0.00%	0.00%
RM-WA-00046	7/16" x 1-1/4 GR8 ZINC WASHER	Unresponsive	EACH	8	0.00%	0.00%
RM-WA-00049	LOCK WASHER,1/2",GRADE 8 ZP	Unresponsive	EACH	2	0.00%	0.00%
RM-WA-00055	LOCK WASHER,STAR,1/4",EXT TOOT	Unresponsive	EACH	1	0.00%	0.00%
RM-WA-00137	WASHER,M6,ZP,18mmOD,6.4mm	Unresponsive	EACH	2	0.00%	0.00%
RM-WA-00223	WASHER,SS,1/4,0.625 OD	Unresponsive	EACH	2	0.00%	0.00%
RM-WA-00434	LOCK WASHER,1/4",ZP	Unresponsive	EACH	1	0.00%	0.00%
RM-WA-00434	LOCK WASHER,1/4",ZP	Unresponsive	EACH	1	0.00%	0.00%
RM-WI-00043	WIRE,18-GA,BLACK	Unresponsive	FEET	10	0.00%	0.00%
RM-WI-00083	WIRE LOOM,SPLIT,1/8"	Unresponsive	FT	4	0.00%	0.00%
RM-WI-00085	WIRE,18-GA,BLUE	Unresponsive	FEET	9	0.00%	0.00%
RM-WI-00680	WIRE,18-GA,GREEN	Unresponsive	FEET	4	0.00%	0.00%
RM-WI-00897	WIRE,18-GA,RED	Unresponsive	FEET	30	0.00%	0.00%
RM-WI-00897	WIRE,18-GA,RED	Unresponsive	FEET	30	0.00%	0.00%

<b>98.43%</b>	<b>1.57%</b>
<b>USA %</b>	<b>Foreign or Non-responsive %</b>

	<b>Estimated # of hours</b>	<b>% related to cost</b>
NorCal Vans Cost of Final Assembly Labor as related to cost of vehicle (%):	<b>79.00</b>	<b>5.84%</b>

**Description of NorCal Vans final assembly activities:**

Vehicle Inspection	Remove interior/re-install interior
Reinforce floor to support seat installation and tie-down track installation	Install aftermarket seats (Freedman)
Install wheelchair tie-down systems.	Fabricate/Install re-inforced Shoulder belt anchor.
Fabricate & Install grab bar/stanchions	Install Wheelchair Lift



Modify & Install running boards	Install AltroFlooring
Weigh van/calculate new weight carrying capacity.	Re-Label Vehicle as Complete Vehicle (Transits come in labeled as incomplete vehicles)
Test drive and inspect vehicle.	Ship vehicle.

<b>2020 Ford Transit 350EL Passenger Van</b>	<b>TBD</b>	<b>C.O.I.C.</b>
<b>Model</b>	<b>VIN</b>	<b>End-User</b>

**STANDARD WARRANTIES\***

Bus Manufacturer FORD TRANSIT  
 Bus Vendor Schetky Bus and Van Sales  
 Bus Model 2020 FORD MODELS

CATEGORY	WARRANTY*	MILES	YEARS	SOURCE
AIR-CONDITIONING	DASH AIR-CONDITIONER	36,000	3	LOCAL FORD DEALER
BUMPER	FRONT BUMPER	36,000	3	LOCAL FORD DEALER
BUMPER	REAR BUMPER	36,000	1	LOCAL FORD DEALER
CHASSIS	ALTERNATOR	36,000	3	LOCAL FORD DEALER
CHASSIS	BUMPER TO BUMPER CHASSIS	36,000	3	LOCAL FORD DEALER
CHASSIS	POWERTRAIN	60,000	5	LOCAL FORD DEALER
CHASSIS	TRANSMISSION	60,000	5	LOCAL FORD DEALER
HEATER	DASH HEATER	36,000	3	LOCAL FORD DEALER
SEATING	SEATING	UNLIMITED	METAL COMPONENTS- 5 PLASTIC COMPONENTS - 3 MOVING COMPONENTS - 3 GAS SHOCK COMPONENTS - 1 FOAM UPHOLSTERED COMPONENTS - 2	FREEDMAN SEATING TERRY GOGINS 800-443-4540 XT.233 <a href="mailto:TERRY.GOGINS@FREEDMANSEATING.COM">TERRY.GOGINS@FREEDMANSEATING.COM</a>
TIRES	TIRES	VARIES	6	HANKOOK
WHEELCHAIR LIFT	LIFT/RAMP	3,000 CYCLES or 10,000 CYCLES	1 (STANDARD) or 3 YEARS IF REGISTERED WITHIN 20 DAYS	BRAUN ONLINE SERVICE LOCATION FINDER <a href="https://www.braunability.com/us/en/commercial/find-a-dealer.html">https://www.braunability.com/us/en/commercial/find-a-dealer.html</a>
WHEELCHAIR RESTRAINTS	RESTRAINTS / TIEDOWNS (Q360 MODEL)	UNLIMITED	3 YEAR WARRANTY	Q'STRAIT CUST. SERVICE 1-800-987-9987 <a href="http://WWW.QSTRAINT.COM">WWW.QSTRAINT.COM</a>

\*ALL WARRANTIES A LIMITED WARRANTIES, AND ARE SUBJECT TO MANUFACTURERS' TERMS AND CONDITIONS.

Re: Altoona testing.

To whom it may concern-

NorCal Vans provides wheelchair-accessible ADA-compliant commercial conversions on the Ford Transit.

Altoona testing is regulated by the Federal Transit Administration and applies to busses purchased with FTA capital assistance programs.

FTA does not require testing of an "unmodified mass-produced van" (defined as a van that is mass-produced, complete and fully assembled as provided by an OEM. This shall include vans with raised roofs, and/or wheelchair lifts, or ramps that are installed by the OEM, or by a party other than the OEM provided that the installation of these components is completed in strict conformance with the OEM modification guidelines) when offered in the 4-year/100,000-mile service category.

NorCal Vans is a Ford Quality Vehicle Manufactures (QVM), meaning our conversion procedures are in strict conformance with Ford recommendations and standards. Our facility and our processes are inspected annually by Ford so that we may retain the QVM status. Our conversions do not affect the structural integrity of the Ford Transit, nor do they affect any of the Ford OEM warranties.

As such, under FTA regulations a Ford Transit with a NorCal Vans conversion qualifies as an unmodified mass-produced van.

Also, under FTA regulations, unmodified mass-produced vans are exempt from Altoona testing when offered in the 4-year/100,000 miles service life category.

For more information, please refer to FTA's web site:

<https://www.transit.dot.gov/research-innovation/interpretations-definitions>

Thank you.



Greg Hollis

NorCal Vans

2/6/2020

866-892-0150



U.S. Department  
Of Transportation  
**Federal Transit  
Administration**

Headquarters

East Building, 5<sup>th</sup> Floor – TCR  
1200 New Jersey Avenue, SE  
Washington, DC 20590

September 27, 2019

Amanda McTavish  
Nor-Cal Vans  
1300 Nord Ave #125  
Chico, CA 95926

Re: TVM DBE Goal Concurrence/Certification Letter – Fiscal Year 2020

Dear Ms. McTavish:

This letter is to inform you that the Federal Transit Administration's (FTA) Office of Civil Rights has received Nor-Cal Vans' Disadvantaged Business Enterprise (DBE) goal and methodology for FY 2020 for the period of October 1, 2019–September 30, 2020. This goal submission is required by the U.S. Department of Transportation's DBE regulations at 49 CFR Part 26 and must be implemented in good faith.

We have reviewed your FY 2020 DBE goal and determined that it is compliant with DOT's DBE regulations. You are eligible to bid on FTA-funded transit contracts. This letter or a copy of the TVM listing on FTA's website may be used to demonstrate your compliance with DBE requirements when bidding on federally funded vehicle procurements.

FTA reserves the right to remove/suspend this concurrence if your DBE program or FY 2020 DBE goal is not implemented in good faith. In accordance with this good faith requirement, you must submit your DBE Uniform Report to FTA by December 1, 2019. This report should reflect all FTA-funded contracting activity for the second period of FY 2019 (i.e., from April 1 to September 30).

Please also be mindful that your FY 2021 DBE goal methodology must be submitted to FTA by August 1, 2020. Any significant updates to the program plan must be submitted to FTA as they occur. Thank you for your cooperation. If you have any questions regarding this approval, please contact the FTA DBE Team via e-mail at [FTATVMSubmissions@dot.gov](mailto:FTATVMSubmissions@dot.gov).

Sincerely,

John Day  
Program Manager  
Office of Civil Rights



**Ford Motor Company**

*Is proud to recognize*

***Nor-Cal Vans***

*as a participant in the*

***Mobility***

***Qualified Vehicle Modifier Program***

A handwritten signature in black ink, reading "Richard D. Cupka".

*Richard D. Cupka -- SVE Quality Programs Mgr.*

***October, 2016***





SCHETKY NORTHWEST SALES, INC.  
BUS AND VAN SALES SINCE 1942  
PHONE: (800) 255-8341  
WEBSITE: WWW.SCHETKY.COM

PROVIDING TRANSPORTATION SOLUTIONS SINCE 1942!

## **AFTER-THE-SALE SUPPORT, SERVICE, AND WARRANTY**

When considering your next bus purchase, we believe there are three (3) areas of importance the buyer should look at: the **manufacturer**; the **distributor**; and the **product** itself!

SNWS recognizes the value and importance of quality after-the-sale support. Customers involved in the transportation industry routinely face obstacles dealing with vehicle downtime, service accessibility, preventative maintenance, and parts availability which may negatively affect their service and operation. Recognizing this important aspect in customer satisfaction, SNWS has invested heavily to maintain a high level of this necessary after-the-sale support. As a further benefit to our customers, we provide after-the-sale support represented by the largest, longest established sale/service organization in the industry throughout the North America.

Schetky Northwest has a seventy-plus year commitment dedicated to customer service. With our proven track record in after-the-sale support, Schetky Northwest has received national recognition from such manufacturers as: Eldorado National, Thomas Built Bus, Champion Bus, Elkhart Coach, Heil Corp, Ricon Corp, Braun Corp, and MV-1 to name a few.

Whether your needs are for vehicle replacement, regular maintenance, parts replacement, technical advice, or operating assistance, Schetky is the Northwest's #1 bus dealer in sales and repeat customers since 1942!

### ➤ **ELECTRONIC COMMUNICATIONS**

The *Schetky Northwest* website allows for on-line warranty claim filing, requests for service, and parts ordering capabilities. For your review, you can also visit us at:  
<http://www.schetkynw.com/service/warranty.asp>

### ➤ **WARRANTY DEPARTMENT**

Schetky Northwest sales provides warranty service that is most convenient and in the best interests of the customer. For specific warranty claims or anytime you may have a question regarding your warranty, we encourage you to contact our Warranty Administrator Ed Wakeman. Ed can be reached as follows:

Ed Wakeman, Warranty Administrator  
Schetky Northwest Sales, Inc.  
503-382-3129 (Direct)  
800-255-8341 extension 129  
8430 NE Killingsworth St., Portland, OR 97220  
<mailto:edw@schetkynw.com>



SCHETKY NORTHWEST SALES, INC.  
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Below describes the typical method of warranty adjustment<sup>1</sup>:

### COACH:

The Final-Stage Manufacturer Repair Station is available at: Schetky Northwest Sales, Inc., Portland, Oregon, or at our authorized service centers in Lakewood, WA.; or through our affiliate dealer network nation-wide; or by reimbursing agency for expenses incurred at a repair facility mutually agreed upon; or reimburse agency for mutually agreed expenses incurred at the agency's maintenance facility. Please refer to the specific warranty terms and conditions for method of warranty adjustment.

### CHASSIS:

The chassis warranty repair station is available at any **authorized chassis dealership** in the United States. The Final-Stage Manufacturer produces vehicles built on light, medium, and heavy duty chassis' built by Ford, Chevrolet, International, Freightliner, Mercedes-Benz, and specific purpose-built chassis' such as the MV-1 or ENC-Riverside heavy-duty chassis. Please consult your owner's manual or call Schetky Northwest for availability of your nearest service center. Schetky Northwest further offers contractual warranty and repair facilities throughout the Country through our affiliation with various distributor networks, assuring our customers with the finest in after the sale support.

## **COMPLETE SERVICE FOR ALL TYPES OF EQUIPMENT**

Quality service and repairs are offered in such areas as electrical systems, hydraulic systems, wheelchair lift, air conditioning, body repair, preventative maintenance programs, complete vehicle refurbishing, and custom fabrication. In our present facility, we have seven shop bays, plus a steam rack available for all our customers' service needs. To further serve the needs of our customers, Schetky Northwest also offers a convenient mobile field service program. In the past two years, our coverage for field service has increased to the point where we are able to service customers' needs on a monthly schedule and respond immediate to customer needs when required.

---

<sup>1</sup>ALL BODY RELATED WARRANTY REPAIRS MUST BE PRE-AUTHORIZED BY FINAL-STAGE MANUFACTURER.



SCHETKY NORTHWEST SALES, INC.  
BUS AND VAN SALES SINCE 1942  
PHONE: (800) 255-8341  
WEBSITE: WWW.SCHETKY.COM

**PROVIDING TRANSPORTATION SOLUTIONS SINCE 1942!**

## ➤ **CUSTOMER SERVICE DEPARTMENT**

Keeping with our philosophy to not only offer our customers the best product available, but also the best possible service we can provide, the *Schetky Northwest Service, Parts, & Warranty Department* staff of 23 employees are dedicated to providing the finest in after-the-sale support.

With over 25,000 square feet of Service, Parts, Sales, and Administrative offices located just minutes away from the Portland International Airport, *Schetky Northwest* is conveniently located between Interstate 5 and interstate 205 on Killingsworth Street in Portland, Oregon.

*Schetky Northwest* also maintains a complete service facility in Lakewood, Washington conveniently located just minutes from I-5.

To better support our valued customers, *Schetky Northwest* will be opening a new Service Facility in *Pasco Washington* the summer of 2014.

## ➤ **MOBILE FIELD SERVICE**

Recognizing that we cannot be everywhere, Schetky Northwest Service Department maintains additional contractual service agreements with other service facilities throughout the Northwest and Alaska to further provide our customers with convenient service alternatives. In addition, we further provide for a network of service facilities nation-wide for qualified after-the-sale support, including service and parts.

**FOR SPECIFIC SERVICE NEEDS IN YOUR AREA OR TO SCHEDULE AN APPOINTMENT, PLEASE CONTACT THE SCHETKY NORTHWEST SERVICE CENTER NEAREST YOU:**

### ➤ **PORTLAND, OREGON**

Brett Hill, Service Manager  
Schetky Northwest Sales, Inc.  
503-607-3137 (Phone - Direct)  
800-255-8341 extension 137 (Toll-Free)  
8430 NE Killingsworth St., Portland, OR 97220  
<mailto:bretth@schetkynw.com>

### ➤ **LAKESWOOD, WASHINGTON**

Matt Peters, Service Manager  
Schetky Northwest Sales, Inc.  
(503) 542-3906  
2624 112th St. So., Bldg. A2, Lakewood, WA 98499  
<mailto:mattp.schetkynw@gmail.com>



# Attachment 1

## BUS TESTING CERTIFICATION

The undersigned bidder [Contractor/Manufacturer] certifies that the vehicle model or vehicle models offered in this bid submission complies with 49 CFR Part 665.

A copy of the test report (for each bid ITEM) prepared by the Federal Transit Administration's (FTA) Altoona, Pennsylvania Bus Testing Center is attached to this certification and is a true and correct copy of the test report as prepared by the facility.

The undersigned understands that misrepresenting the testing status of a vehicle acquired with Federal financial assistance may subject the undersigned to civil penalties as outlined in the U.S. Department of Transportation's regulation on Program Fraud Civil Remedies, 49 CFR Part 31. In addition, the undersigned understands that FTA may suspend or debar a manufacturer under the procedures in 49 CFR Part 29.

Nor-Cal Vans

Name of Bidder/Company Name

Greg Hollis

Type or print name

Greg Hollis

Signature of authorized representative

\_\_\_\_\_  
Signature of notary and SEAL

Date of Signature

9 23 20

## Attachment 2

### PRE-AWARD CERTIFICATION FOR PROCUREMENT OF ROLLING STOCK (VENDOR)

#### PRE-AWARD AUDIT REQUIREMENTS

A recipient purchasing revenue service rolling stock with FTA funds must ensure that a pre-award audit under this part is complete before the recipient enters into a formal contract for the purchase of such rolling stock.

#### DESCRIPTION OF PRE-AWARD AUDIT

A pre-award audit under this part includes— (a) A Buy America certification; (b) A purchaser's requirements certification; and (c) Where appropriate, a manufacturer's Federal Motor Vehicle Safety certification information.

#### PRE-AWARD BUY AMERICA CERTIFICATION

For purposes of this part, a pre-award Buy America certification is a certification that the recipient keeps on file that:

- a. There is a letter from FTA which grants a waiver to the rolling stock to be purchased from the Buy America requirements under section 165(b) (1), (b)(2), or (b)(4) of the Surface Transportation Assistance Act of 1982, as amended; or
- b. The recipient is satisfied that the rolling stock to be purchased meets the requirements of section 165(a) or (b)(3) of the Surface Transportation Assistance Act of 1982, as amended, after having reviewed itself or through an audit prepared by someone other than the manufacturer or its agent documentation provided by the manufacturer which lists:
  1. The Component and subcomponent parts of the rolling stock that are produced in the United States is more than 60% for FY2016 and 2017, more than 65% for FY2018 and 2019, more than 70% for FY2020 of the cost of all components and subcomponents of the vehicle identified by the manufacturer; and
  2. The location of the final assembly must take place in the United States (49 CFR 661.11), including a description of the activities that will take place at the final assembly point and the cost of final assembly.

#### PRE-AWARD PURCHASERS REQUIREMENTS CERTIFICATION

For purposes of this part, a pre-award purchaser's requirements certification is a certification a recipient keeps on file that:

- a. The rolling stock the recipient is contracting for is the same product described in the purchaser's solicitation specification; and
- b. The proposed manufacturer is a responsible manufacturer with the capability to produce a vehicle that meets the recipient's specification set forth in the recipient's solicitation.

If buses or other rolling stock (including train control, communication, and traction power equipment) are being procured, the appropriate certificate as set forth below shall be completed and submitted by each bidder in accordance with the requirements in 49 CFR 661.13(b).

#### PRE-AWARD FMVSS COMPLIANCE CERTIFICATION

As required by Title 49 of the CFR, Part 663 – Subpart D, the recipient certifies that it received, at the pre-award stage, a copy of the manufacturers self-certification information stating that the buses will comply with the relevant Federal Motor Vehicle Safety Standards issued by the National Highway Traffic Safety Administration in Title 49 of the Code of Federal Regulations, Part 571.

Bidder or offeror Certificate of:

#### COMPLIANCE with Buy America and FMVSS Rolling Stock Requirements

As required by 49 CFR Part 663, the bidder or offeror hereby certifies that it will comply with the requirements of 49 U.S.C. 5323(j), and the applicable regulations of 49 CFR 661.11.

Company Nor Cal Vans  
Name Greg Hollis Title Sales Manager  
Signature Greg Hollis Date 9-23-20

Bidder or offeror Certificate of:

#### NON-COMPLIANCE with Buy America and FMVSS Rolling Stock Requirements

As required by 49 CFR Part 663, the bidder or offeror hereby certifies that it cannot comply with the requirements of 49 U.S.C. 5323(j), but may qualify for an exception to the requirement consistent with 49 U.S.C. 5323(j)(2), as amended, and the applicable regulations in 49 CFR 661.7.

Company \_\_\_\_\_  
Name N/A Title N/A  
Signature \_\_\_\_\_ Date \_\_\_\_\_

# Attachment 3

## TRANSIT VEHICLE MANUFACTURER (TVM) CERTIFICATION

Pursuant to the provisions of Section 105(f) of the Surface Transportation Assistance Act of 1982, each bidder for this contract must certify that it has complied with the requirements of 49 CFR Part 26.49, regarding the participation of Disadvantaged Business Enterprises (DBE) in FTA assisted procurements of transit vehicles. Absent this certification, properly completed and signed, a bid shall be deemed non-responsive.

Certification:

I hereby certify, for the bidder named below, that it has complied with the provisions of 49 CFR Part 26.49 and that I am duly authorized by said bidder to make this certification.

Name of Bidder/Company

Name Type or print

Not Cal Vans Greg Hollis

Signature of Authorized Representative

Greg Hollis

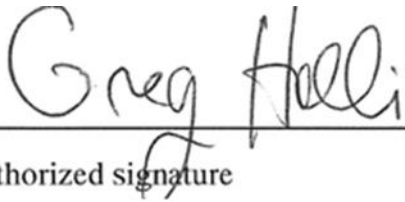
Date

9/13/20

Signature of notary and SEAL \_\_\_\_\_

To whom it may concern-

NorCal Vans conversions on the 2015-2020 Ford Transit intended for the transportation of wheelchair users as passengers are designed and built to meet current applicable FMVSS requirements as well as current applicable ADA requirements.

  
\_\_\_\_\_

Authorized signature

**7/21/2020**  
\_\_\_\_\_

Date

Greg Hollis

NorCal Vans