

APPENDIX D-4
Beneficiary Eligible Mitigation Action Certification

BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

Beneficiary Upper Sioux Community

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

Action Title:	Replacement of Diesel Plow Truck
Beneficiary's Project ID:	USC VW_2020
Funding Request No.	<i>(sequential)</i> 2
Request Type: (select one or more)	<input type="checkbox"/> Reimbursement <input checked="" type="checkbox"/> Advance <input type="checkbox"/> Other (specify): _____
Payment to be made to: (select one or more)	<input checked="" type="checkbox"/> Beneficiary <input type="checkbox"/> Other (specify): _____
Funding Request & Direction (Attachment A)	<input checked="" type="checkbox"/> Attached to this Certification <input type="checkbox"/> To be Provided Separately

SUMMARY

Eligible Mitigation Action	<input checked="" type="checkbox"/> Appendix D-2 item (specify): <u>Replacement of Diesel Plow Truck (Class 8)</u>
Action Type	<input type="checkbox"/> Item 10 - DERA Option (5.2.12) (specify and attach DERA Proposal): _____
Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):	
We plan to replace a qualifying fleet vehicle, a Class 8 2008 dump truck, with a 2020 diesel model. Please see addendum for details.	
Estimate of Anticipated NOx Reductions (5.2.3):	
After upgrades we expect to reduce NOx by .068 short tons annually, with a 86% annual reduction. Please see addendum for details.	
Identification of Governmental Entity Responsible for Reviewing and Auditing Expenditures of Eligible Mitigation Action Funds to Ensure Compliance with Applicable Law (5.2.7.1):	
Tribal Treasurer, Sharon Odegard, Upper Sioux Community (Granite Falls, MN)	
Describe how the Beneficiary will make documentation publicly available (5.2.7.2).	
Transparency will be ensured via the USC's webpage: http://www.upperSiouxcommunity-nsn.gov/page/usc-environmental	
Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8).	
USC will cost share \$60,952.00	
Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).	
No federal agency has contacted the Tribe about our participation in the VW Settlement.	

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

The Upper Sioux Community affirms that this project has the potential to impact their Community, which has historically borne a disproportionate share of the adverse impacts of such emissions by improving air quality on Trust Lands. Please see addendum for details.

ATTACHMENTS
(CHECK BOX IF ATTACHED)

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

CERTIFICATIONS

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

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

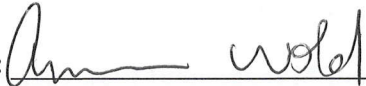
support of this funding request and all records supporting all expenditures of eligible mitigation action funds subject to applicable laws governing the publication of confidential business information and personally identifiable information. (5.2.7.2)

DATED: August 5, 2020

Amanda Wold, Environmental Director

[NAME]

[TITLE]

SIGNATURE: 

Office of the Environment

[LEAD AGENCY]

for

Upper Sioux Community

[BENEFICIARY]

[SAMPLE ATTACHMENT B - USE OF THIS FORMAT IS NOT MANDATORY]

PROJECT MANAGEMENT PLAN
PROJECT SCHEDULE AND MILESTONES

Milestone	Date
Lead Agency Provides Notice of Availability of Mitigation Action Funds	August 2020
Project Sponsor Submits Proposal to Lead Agency	August 2020
Lead Agency Provides Written Approval of Project Sponsor's Proposal	August 2020
Lead Agency Incorporates Project Sponsor's Proposal into Mitigation Plan	August 2020
Trustee Acknowledges Receipt of Project Certification and Funding Direction	September 2020
Trustee Allocates Share of Funds for Approved Project	November 2020
Lead Agency Directs Funding (Advance Funded Projects)	November 2020
Project Sponsor Obtains Cost Share, Notifies or Certifies to Lead Agency	December 2020
Project Sponsor Enters into Contracts, Purchase Orders, etc. - Start	December 2020
Project Sponsor Enters into Contracts, Purchase Orders, etc. - Complete	December 2020
Project Installation(s) – Start	December 2020
Project Installation(s) – Complete	January 2021
Project Sponsor provides detailed invoices for all claimed project costs, documentation for emission reduction estimates, required certification documents to Lead Agency to support direction to Trustee for Payment (Reimbursement, Direct-to-Vendor) or final accounting (Forward Funded Projects)	-
Lead Agency completes review and certifies payment direction to Trustee (Reimbursement)	January 2021
Trustee Acknowledges Receipt of Direction for Payment(s) (Advance Funded, Reimbursement)	-
Project Sponsor Certifies Project Completion	January 2021
Lead Agency Reports Project Completion	January 2021

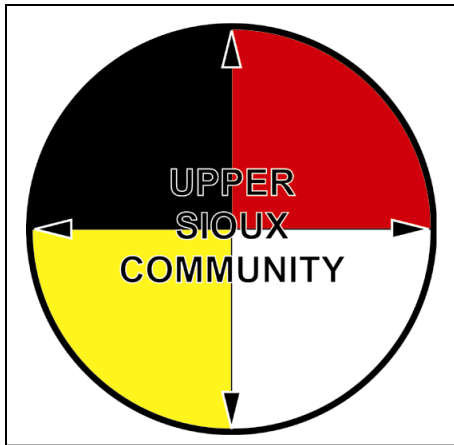
PROJECT BUDGET

Period of Performance: <u>Three months (November 2020-January 2021)</u>				
Budget Category	Total Approved Budget	Share of Total Budget to be Funded by the Trust	Cost-Share, if applicable (Entity #1)	Cost-Share, if applicable (Entity #2)
1. Equipment Expenditure	\$ 209,959.00	\$ 149,007.00	\$ 60,952.00	\$
2. Contractor Support <i>(Provide List of Approved Contractors as Attachment with approved funding ceilings)</i>	\$	\$	\$	\$
3. Subrecipient Support <i>(Provide List of Approved Subrecipients or Grant Awardees as Attachment with approved funding ceilings)</i>	\$	\$	\$	\$
4. Administrative ¹	\$	\$	\$	\$
Project Totals	\$ 209,959.00	\$ 149,007.00	\$ 60,952.00	\$
Percentage	100 %	71 %	29 %	%

¹ Subject to Appendix D-2 15% administrative cap.

PROJECTED TRUST ALLOCATIONS:

	2017	2018	2019	2020	2021
1. Anticipated Annual Project Funding Request to be paid through the Trust	\$	\$	\$	\$ 149,007.00	\$
2. Anticipated Annual Cost Share	\$	\$	\$	\$ 60,952.00	\$
3. Anticipated Total Project Funding by Year (line 1 plus line 2)	\$	\$	\$	\$ 209,959.00	\$
4. Cumulative Trustee Payments Made to Date Against Cumulative Approved Beneficiary Allocation	\$	\$	\$	\$	\$
5. Current Beneficiary Project Funding to be paid through the Trust (line 1)	\$	\$	\$	\$	\$
6. Total Funding Allocated to for Beneficiary, inclusive of Current Action by Year (line 4 plus line 5)	\$	\$	\$	\$	\$
7. Beneficiary Share of Estimated Funds Remaining in Trust	\$	\$	\$	\$	\$
8. Net Beneficiary Funds Remaining in Trust, net of cumulative Beneficiary Funding Actions (line 7 minus line 6)	\$	\$	\$	\$	\$



Board of Trustees
Chairman – Kevin Jensvold
Vice Chairman – Caralyn Trutna
Tribal Secretary – Tremayne Blue
Tribal Treasurer – Sharon Odegard
Member at Large – Jeremy Hamilton
Post Office Box 147
5722 Travers lane
Granite Falls, MN 56241
320.564.3853
320.564.4482 - fax

D-4 Attachments and Addendums for Wilmington Trust, LLC

Volkswagen Diesel Emissions Environmental Mitigation Trust
Agreement for Indian Tribe Beneficiaries

Upper Sioux Community: Office of the Environment

August 5, 2020

5.2.2 Detailed Description of Mitigation Action Items Including Community and Air Quality Benefits

Description of Mitigation Action Items

Upper Sioux Community proposes replacing one diesel freightliner – a Class 8 2008 dump truck (VIN: 1FVHC7CV68HZ78773). The above vehicle was chosen from the Roads Department due to the age and disproportionately higher level of emissions. Replacement of this older diesel vehicle will benefit the Upper Sioux Community by reducing greenhouse emissions, in turn saving fuel costs, while substantially improving air quality and energy security. Advanced fuel technologies will also benefit the surrounding soundscape, with much quieter engines. The eventual outcome is two-fold, a healthier environment with reduced nitrogen oxide (NOx) pollution, as well as noise reduction throughout the reservation. Thus, Upper Sioux Community intends to replace its designated older vehicles (2008), while adhering to the scrapping requirements described within the Volkswagen Settlement Agreement.

We plan to replace the following qualifying fleet vehicle with 2020 diesel model:

Fleet Vehicle	VIN	Sector	Vehicle/Equipment Code
2008 Dump Truck	1FVHC7CV68HZ78773	Short Haul - Combination	Class 8

Community and Air Quality Benefits

Although People of the Upper Sioux Community (USC) are known as Dakota, they come from several different bands of Dakota. The population is made up of primarily Wahpetonwan ("Dwellers in the Leaves") Dakota, however, there exists a small population of Mdewakanton ("Dwellers by Mystic Lake") and Yankton (Dwellers at the End). The USC resides on a small portion of the unceded Dakota homeland along the Minnesota River located near Granite Falls, Minnesota, bounded on the West, East, and South by Yellow Medicine County and the Minnesota River to the North. The reservation consists of approximately 1,464 acres held in trust, with an additional 309 acres owned by the Tribe, but not in trust. The land consists of floodplain, hardwood, brush, wetlands, the Minnesota River escarpment, and flat agricultural land.

The USC members residing within the Community are estimated at approximately 230 individuals. As of March 2019, Tribal membership includes a total of 521 individuals. Approximately 455 USC members reside within a 15-mile service radius area of the Reservation, encompassing Lyon, Redwood, Renville, Lac qui Parle, Yellow Medicine, and Chippewa counties. At present, there are 51 single-family dwellings, a community center-multi-purpose building, a Tribal court building, government offices (the Network Operations Center (NOC) and Roundhouse), a drinking water treatment plant and a wastewater treatment plant. The USC is governed by a five-person Board of Trustees (BOT) elected to four-year terms, with staggered elections every two-years. The Tribe owns and operates: Prairie's Edge Casino Resort, Prairie's Edge Convenience Store; Prairie View RV Park/Campground, and USC Propane.

Upper Sioux Community Mission Statement

"The mission of the Upper Sioux Community Board of Trustees is to provide culturally-based programs and services that preserve the Dakota traditions, promote and support education, healthy families, and a diversified and growing economy, leading to increased self-esteem and self-sufficiency for individual community members and the Upper Sioux Community, Pezihutazizi Oyate."

Office of the Environment Mission Statement

"To ensure the health, welfare, and safety of Tribal members and to protect and conserve the natural resources of the earth for today's and future generations. The Office of the Environment (OE) is responsible for tribal and federal environmental regulation compliance, environmental/natural resources program and infrastructure development, and related responsibilities."

This project will enable us to reduce particulate matter (PM 2.5), which will lead to annual health benefits resulting from reduced exposure to PM2.5. These benefits include the reduction of premature mortality, chronic bronchitis, asthma attacks, non-fatal heart attacks, and other health problems. Our health impacts are expected to be:

Health Benefits Results

County and State	Annual Diesel PM2.5 Reduction (short tons)
Yellow Medicine, Minnesota	0.009
Total	0.009

5.2.3

Estimate of Anticipated NOx Reductions

We utilized the United States Environmental Protection Agency’s Diesel Emissions Quantifier to prepare our estimates. Anticipated reductions of nitrogen oxides (NOx) for both of our project vehicle is as follows:

Emission Results and Health Benefits for Project: UpperSioux_2020

Emission Results

Here are the combined results for all groups and upgrades entered for your project.¹

<i>Annual Results (short tons)²</i>	NO_x	PM2.5	HC	CO	CO₂	Fuel³
Baseline for Upgraded Vehicles/Engines	0.079	0.000	0.002	0.009	16.5	1,463
Amount Reduced After Upgrades	0.068	0.000	0.001	0.004	0.0	0
Percent Reduced After Upgrades	86.0%	41.5%	46.4%	46.4%	0.0%	0.0%

<i>Lifetime Results (short tons)²</i>	NO_x	PM2.5	HC	CO	CO₂	Fuel³
Baseline for Upgraded Vehicles/Engines	0.475	0.003	0.014	0.052	98.8	8,778
Amount Reduced After Upgrades	0.409	0.001	0.006	0.024	0.0	0
Percent Reduced After Upgrades	86.0%	41.5%	46.4%	46.4%	0.0%	0.0%

¹ Emissions from the electrical grid are not included in the results.

² 1 short ton = 2000 lbs.

³ In gallons; fuels other than ULSD have been converted to ULSD-equivalent gallons.

5.2.7.2

Publicly Available Information

The Upper Sioux Community established a webpage (<http://www.upperSiouxcommunity-nsn.gov/page/usceenvironmental>) on the Tribe’s website (<http://www.upperSiouxcommunity-nsn.gov>) dedicated to the funding received from the Volkswagen Settlement Trust, which includes a link for members of the public to request additional information and/or documents related to the funding request and expenditure of funds. The Upper Sioux Community will endeavor to respond to such request within 10 business days and, when documents are requested, will advise the individual/s within that timeframe of the procedure for reviewing such documents. The Upper Sioux Community follows Minnesota law related to matters governing the publication of confidential business information and personally identifiable information, and exemptions thereto.

5.2.10

Describe how the Mitigation Action will Mitigate the Impacts of NOx Emissions on Communities that have Historically Borne a Disproportionate Share of Adverse Impacts of Such Emissions

The Upper Sioux Community affirms that this project has the potential to impact their community, which has historically borne a disproportionate share of the adverse impacts of such emissions by improving air quality on the Reservation. Indigenous populations are prone to much higher rates of asthma, diabetes, as well as chronic obstructive pulmonary diseases compared to that of the overall populace. The Minnesota Pollution Control Agency (2017) argues that the following are source contributors: permitted facilities – such as power plants, refineries, manufacturing, recyclers; transportation – like passenger cars, diesel trucks, buses, airports, railroads, recreational vehicles; residential – through home heating, backyard fires, lawn mowers, cleaning products, open burning; commercial and industrial – via large boilers, diesel equipment, gas stations, construction equipment; wildfires and prescribed burns – by way of forest fires, agricultural burning, grassland and park fires; and non-local sources (background and secondary formation – for example, pollution forming from the breakdown and/or combination of other pollutants, and the transport of emissions from natural sources such as forests or dust storms. Major sources of NOx pollution within and/or adjacent to the Upper Sioux Community are permitted facilities, commercial, industrial, agricultural, and residential. Additionally, Highway 67 runs east and west through the Reservation. Subsequently, this thoroughfare is a significant source of NOx emissions to the Upper Sioux Community and its nearby residents. Currently, the Office of the Environment is actively seeking guidance and assistance in implementing an air quality monitoring program for the Upper Sioux Community in Granite Falls, Minnesota.

Attachment C

5.2.11

Detailed Plan for Reporting on Eligible Mitigation Action Implementation

Transparency will be ensured via the Upper Sioux Community's new web page (<http://www.upperSiouxcommunity-nsn.gov/page/usc-environmental>), part of the Tribe's website (<http://www.upperSiouxcommunity-nsn.gov>) that dedicated to the funding received from the Volkswagen Settlement Trust. Volkswagen Settlement Environmental Air Quality Documents will be posted here and available by request.

Reporting on Eligible Mitigation Activities (EMA) will take place semi-annually. Reports will be posted on the Upper Sioux Community website no more than 30 days after the end of the six-month period, following the acquisition of the vehicle, and also provided to the Trustee via Intralinks. The Office of the Environment will oversee the proposed EMAs as follows:

- a) The Office of the Environment, Comptroller, and Program Accounting Director will review and audit expenditures to ensure compliance with all applicable laws.
- b) The Office of the Environment will maintain and make publicly available all documentation submitted in support of this funding request, as well as records supporting all expenditures of sequential funds, subject to applicable laws governing the publication of confidential business information and personally-identifiable information. The Office of the Environment will post documentation to the Upper Sioux Community website, under the Environmental/Air Quality tab. Furthermore, the Office of the Environment will work with our Information Technology Network Administrator in posting this documentation to ensure that all information is true, accurate, and accessible. Additional information will be provided upon request. The procedure by which the Beneficiary shall make such documentation publicly available is: requests shall be made to the Office of the Environment's Director, Amanda Wold.
- c) Upon the termination or completion, any unused funds shall be returned by Upper Sioux Community to the Trustee, to ultimately be returned to the Tribal Allocation Subaccount.
- d) The Beneficiary (Upper Sioux Community) shall submit a semiannual report to the Trustee (via Intralinks) describing the progress made, the implementations, as well as a reporting date. This report shall include a summary of the initial and final expenditures. The first report shall be submitted no later than thirty days after receiving the initial disbursement of Trust Assets.
- e) Subsequent reports will include a complete description of our status (including actual and/or projected termination date), development and implementation,

approved by the EMA. These reports will be signed by an official with the authority to submit the report for the Beneficiary and will contain an attestation that the information is true and correct, and that the submission is made under penalty of perjury.

Attachment D

5.2.6

Detailed Cost Estimates from Selected or Potential Vendors for each Proposed Expenditure Exceeding \$25,000

Detailed cost estimates associated with each replacement follow:

Original Fleet Vehicle	Vehicle Replacement Line Items	Cost
2008 Dump Truck	2020 Class 8 Vehicle	\$209,959.00
	Total	\$209,959.00

Please see attached vendor quotes for each vehicle cited above. USC will cover the amount not provided by the VW Settlement funds, approximately \$60,952.00.



TOWMASTER, 61381 US HWY 12, LITCHFIELD, MN 55355
 PH: 320-693-7900 FX: 320-693-7921 TF: 800-462-4517
 TOWMASTERTRUCK.COM

Reference No.
 QT 51339

**** QUOTATION ****

Ship To:	Cust: 3269	Phone:	Bill To:	Phone:
UPPER SIOUX COMMUNITY			UPPER SIOUX COMMUNITY	
P.O. BOX 147			P.O. BOX 147	
2497-565TH STREET			2497-565TH STREET	
GRANITE FALLS	MN 56241	USA	GRANITE FALLS	MN 56241 USA

ATTN: JAMES ROSS 320-226-6518

PO#	Salesman	Terms	Created	Last Revised	Appx Comp
	CHRIS GUGGEMOS	NET 30 DAYS	4/09/20	4/09/20	0/00/00

Qty	Part No.	Description	Price Ea.	Net Amt.
1	9900118	- Body 10'6" EDGE-RS/SCIS-46-36-36 - - 46" 7 ga Stainless Front, 36" 7 ga Stainless radius sides (No Pockets), 36" 7 ga St ainless Tailgate w/Hardox-450 Face, 1/4" Hardox-450 Floor, 8" I-Beam Longsills, Air-trip ready linkage, Underside Black	\$10,879.00	\$10,879.00
1	9901701	- Installation of Dump Body to hoist	\$1,358.00	\$1,358.00
1	9900145	- Body acc'y TMTE Air trip kit, w/solenoid valve,	\$311.00	\$311.00
1	9901702	- Installation of air operated tailgate latch kit, with solenoid valve in hydraulic valve enclosure.	\$279.00	\$279.00
1	9900147	- Body acc Box Vibrator - Cougar model DC3200	\$641.00	\$641.00
1	9901703	- Installation of Box Vibrator, with solenoid located in hydraulic valve enclosure.	\$326.00	\$326.00
1	9900156	- Cabshield, 1/2 type Stationary Free-Standing style,w/plain STAINLESS STEEL canopy, Hot-Dipped Galvanized tubing construction support stand, Slotted Center Viewing Window, (2) shovel holders, & reservior mounts, Installed.	\$2,403.00	\$2,403.00
1	9900181	- Walkrail removable both sides of 10' RC & RS body, Installed	\$800.00	\$800.00
1	9900207	- Ladder Flip-A-Way Access ladder (STAINLESS STEEL) Including Grab Handle above, and Interior Step, ea, Installed SPECIFY LOCATION HERE:LH REAR	\$468.00	\$468.00
1	9900211	- Body acc'y Dual "split" sander manifolds in rear corner posts	\$370.00	\$370.00

--- Continued ---

Accepted by _____	Date _____	Price:
		Total Discounts:
		Net Cost:
		Freight
		Total:



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 TOWMASTERTRUCK.COM

Reference No.
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2497-565TH STREET			2497-565TH STREET	
GRANITE FALLS	MN 56241	USA	GRANITE FALLS	MN 56241 USA

ATTN: JAMES ROSS 320-226-6518

PO#	Salesman	Terms	Created	Last Revised	Appx Comp
	CHRIS GUGGEMOS	NET 30 DAYS	4/09/20	4/09/20	0/00/00
Serial No.					

1	9904246 - Light Warning TMTE1SS-3 PKG: (2) STAINLESS STEEL 23H 3-light LED Micro-Edge, (2) 5M-400 Super-LED, (2) Side TIR3 LED, (2)) 400 Max B-T-T LED, & (2) 400 LED BU Lights, in Stainless M Housings, (1) TIR3 LED Wing light, and (2) 4" LED work lights Installed	\$4,033.00	\$4,033.00
1	9905778 - Light, Mirror Mounted ABL 3800 LED HEAD LAMP PLOW LIGHTS W/ICE MELTING TECHNOLOGY Installed	\$1,076.00	\$1,076.00
1	9900273 - Fender set Pro-Tech Stainless Steel, for Single Axle, full radius style, installed	\$1,756.00	\$1,756.00
1	9905144 - Tarp Shur-Co Arm-Matic electric tarp SGL & TDM w/ tarp, STD motor, Front Roller, Rear Air Lock Kit, Installed	\$3,429.00	\$3,429.00
1	9900290 - Tool Box PRO-TECH Alum 18" x 18" x 24" tool box & Brackets Installed DRIVERS SIDE WHERE EVER IT FITS	\$804.00	\$804.00
1	9904691 - INSTALLATION of (Initial) Single camera system **NOTE: MOUNTED ON STROBE TUBE, FOR WING VIEW USAGE, WIRED AS	\$279.00	\$279.00
1	9904692 - Camera System option, NORTECH 9100-2HC 120 degree night vision CCD weather-proof HEATED camera, only GEN 5 6100	\$163.00	\$163.00
1	9904693 - Camera System option, NORTECH 9100-4 Harness, 65' Waterproof GEN 5 6100	\$41.00	\$41.00
1	9904694 - INSTALLATION of Camera, & Harness GEN 5 6100 **NOTE: MOUNTED ON LH REAR POST, FOR BACK UP USAGE, WIRED TO QUE UP BY	\$93.00	\$93.00

---- Continued ----

Accepted by _____	Date _____	Price:
		Total Discounts:
		Net Cost:
		Freight
		Total:



TOWMASTER, 61381 US HWY 12, LITCHFIELD, MN 55355
 PH: 320-693-7900 FX: 320-693-7921 TF: 800-462-4517
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Ship To: UPPER SIOUX COMMUNITY P.O. BOX 147 2497-565TH STREET GRANITE FALLS MN 56241 USA	Cust: 3269 Phone:	Bill To: UPPER SIOUX COMMUNITY P.O. BOX 147 2497-565TH STREET GRANITE FALLS MN 56241 USA	Phone:
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ATTN: JAMES ROSS 320-226-6518

PO#	Salesman	Terms	Created	Last Revised	Appx Comp
	CHRIS GUGGEMOS	NET 30 DAYS	4/09/20	4/09/20	0/00/00
Serial No.	REVERSE				

Qty	Part No.	Description	Price Ea.	Net Amt.
1	1941405	- Camera Guard, SS, Bolt-On	\$58.00	\$58.00
1	9905502	- PreCise ARC Sensor Mount #1126929, only GEN 5 6100	\$29.00	\$29.00
1	9905835	- PreCise ARC Sensor #1117640, only, for Wireless GEN 5 CONTROLLER Applications (LESS MTG BRKT), installed INSTALLED	\$555.00	\$555.00
1	9900299	- Pre-Wet Towmaster/Varitech LDS-TMR-110-EGF Body Side Mt Sys for Elliptical body. (2) 55 gal tanks, mtg hdwe, plumbing, Elec Gravity Feed valve	\$2,104.00	\$2,104.00
1	9902483	- Installation of TMR pre-wet system (New Towmaster Body)	\$883.00	\$883.00
1	9901834	- Hoist OSP/Towmaster 720DH, Double Acting, W/Solid block rear hinge point, & OSHA approved saftey props	\$2,668.00	\$2,668.00
1	9901712	- Installation of SCISSORS TYPE double acting hoist	\$1,389.00	\$1,389.00
1	9902920	- Scraper FALLS IB-11A 1" MB, w/single lift cylinder, LESS CUTTING EDGES	\$6,185.00	\$6,185.00
1	9903276	- VBL PolarFlex 3' Underchassis Complete System (includes bolts & nuts)	\$658.00	\$658.00
2	9903277	- VBL PolarFlex 4' Underchassis Complete System (includes bolts & nuts)	\$877.00	\$1,754.00
1	9901705	- Installation of underbody fixed angle scraper w/single lift cylinder	\$2,562.00	\$2,562.00

--- Continued ---

Accepted by _____ Date _____

Price:
 Total Discounts:
 Net Cost:
 Freight
 Total:



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ATTN: JAMES ROSS 320-226-6518

PO#	Salesman	Terms	Created	Last Revised	Appx Comp
	CHRIS GUGGEMOS	NET 30 DAYS	4/09/20	4/09/20	0/00/00

Serial No.	

1 9904232 - Scraper FORCE Electric pressure transmitter to read on LCD screen, installed	\$428.00	\$428.00
1 9900351 - Scraper FORCE reverse/Auto-Lift system, ADD-A-FOLD valve, installed	\$467.00	\$467.00
1 9902948 - Wing Falls RHSDL10A-HYDPB Primed LESS CUTTING EDGES	\$10,217.00	\$10,217.00
2 9902818 - VBL Vallite HIGHWEAR Fab Wing Blade, 5/8" x 6" x 3'	\$165.00	\$330.00
1 9902819 - VBL Vallite HIGHWEAR Fab Wing Blade, 5/8" x 6" x 4'	\$220.00	\$220.00
1 9900388 - Installation Falls SDL Series Wing - w/Bulkhead Couplers	\$4,117.00	\$4,117.00
1 9901431 - Wing Falls RL (REAR LIFT) up charge SDL WING	\$433.00	\$433.00
1 9904688 - Wing Falls POST-LESS Toe Lift in lieu of Std Front post/slide system		
1 9900477 - Wing Falls Hwy Orange - Paint Moldboard	\$309.00	\$309.00
1 9900555 - Plow Hitch Falls 44XB2/STD/STD/SA/SPR-RET/HITCH	\$3,013.00	\$3,013.00
1 9900589 - Installation Falls Plow Hitch - 40 Series 3Line/STDBLKHD	\$1,745.00	\$1,745.00
1 9900625 - Plow Push Unit Falls 24/44 Series Std	\$882.00	\$882.00
1 9900639 - Plow Falls Rubber Belt Deflector Kit - Installed	\$336.00	\$336.00
1 9900640 - Plow Falls Parking Stand - Drop Leg Style	\$226.00	\$226.00
1 9903102 - Plow Falls XPR-12/SPR-TRP/NOSHU/PRI-E1/7G LESS CUTTING EDGES	\$7,586.00	\$7,586.00

---- Continued ----

Accepted by _____

Date _____

Price:

Total Discounts:

Net Cost:

Freight

Total:



TOWMASTER, 61381 US HWY 12, LITCHFIELD, MN 55355
 PH: 320-693-7900 FX: 320-693-7921 TF: 800-462-4517
 TOWMASTERTRUCK.COM

Reference No.
 QT 51339

**** QUOTATION ****

Ship To: UPPER SIOUX COMMUNITY P.O. BOX 147 2497-565TH STREET GRANITE FALLS MN 56241 USA	Cust: 3269 Phone:	Bill To: UPPER SIOUX COMMUNITY P.O. BOX 147 2497-565TH STREET GRANITE FALLS MN 56241 USA	Phone:
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ATTN: JAMES ROSS 320-226-6518

PO#	Salesman	Terms	Created	Last Revised	Appx Comp
	CHRIS GUGGEMOS	NET 30 DAYS	4/09/20	4/09/20	0/00/00
Serial No.					

3	9902827 - VBL PolarFlex 4' Front Mount Complete System (includes bolts & nuts)		\$820.00	\$2,460.00
1	9904802 - VBL V45-PF-HFL Hard Faced Wrap-Around Curb Runner, LH PolarFlex, New Style		\$172.00	\$172.00
1	9904801 - VBL V45-PF-HFR Hard Faced Wrap-Around Curb Runner, RH PolarFlex, New Style		\$172.00	\$172.00
1	9900679 - Plow Falls Hwy Orange Paint, Rev Plow, w/installation		\$410.00	\$410.00
1	9900730 - Plow Falls SCR-ADJ/SHOE/REV-PLW/STD		\$635.00	\$635.00
1	9900757 - Hitch TMTE Heavy Duty plate assembly,		\$487.00	\$487.00
1	9901716 - Hitch Installation of Pup Hitch (weld in style) **NOTE: HITCH PLATE FACE TO BE LOCATED: IN REFERENCE TO REAR TIRE FACE.		\$744.00	\$744.00
1	9900764 - Hitch PREMIER 2300 Air Cushion Pintle, installed		\$786.00	\$786.00
1	9902493 - Hitch 7 contact Standard Round Pin Std socket installed		\$103.00	\$103.00
1	9900791 - Sander Falls 1ASD-6CDSS-6P-1D-1S-LM, Salt Special 6", Stainless Steel Unit, LH Discharge, Single Poly Spinner Ass'y, complete sander (includes extra salt shield)		\$4,886.00	\$4,886.00
1	9901718 - Sander Install & dual manifold RH & LH rear		\$852.00	\$852.00
1	9901348 - Sander TMTE Exterior Bolt-On Sander/Tailgate Spill Plates, Stainless Steel, Mill Finish		\$502.00	\$502.00

---- Continued ----

Accepted by _____

Date _____

Price:

Total Discounts:

Net Cost:

Freight

Total:



TOWMASTER, 61381 US HWY 12, LITCHFIELD, MN 55355
 PH: 320-693-7900 FX: 320-693-7921 TF: 800-462-4517
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**** QUOTATION ****

Ship To: UPPER SIOUX COMMUNITY P.O. BOX 147 2497-565TH STREET GRANITE FALLS MN 56241 USA	Cust: 3269 Phone:	Bill To: UPPER SIOUX COMMUNITY P.O. BOX 147 2497-565TH STREET GRANITE FALLS MN 56241 USA	Phone:
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ATTN: JAMES ROSS 320-226-6518

PO#	Salesman	Terms	Created	Last Revised	Appx Comp
	CHRIS GUGGEMOS	NET 30 DAYS	4/09/20	4/09/20	0/00/00
Serial No.					

1	9900851 - Valve System, Force Add-A-Fold MCV-ISO Valve 9 Functions , INSTALLED		\$10,620.00	\$10,620.00
	BOX HOIST,PLOW LIFT,PLOW ANGLE,SCRAPER LIFT, WING TOE,WING HEEL,WING PUSH-BAR,AUGER & SPINNER			
1	9902497 - Control System Force ULTRA-4-6100 Commander control, Installed		\$11,212.00	\$11,212.00
1	9900874 - Filter Force IN-TANK mounted filter installed		\$459.00	\$459.00
1	9900882 - Reservoir TMTE Cabshield mt (stainless steel) w/intank filter provision, installed		\$2,377.00	\$2,377.00
1	9900888 - Pump Force FASD45L LS (6 ci) installed		\$4,286.00	\$4,286.00
1	9900884 - Sensor Force Low oil indicator system, SLIM-LINE AND CABSHIELD MOUNTED w/light mounted in cab, installed		\$235.00	\$235.00
1	WARRANTY - TOWMASTER EXCLUSIVE WARRANTY: 5 yr Steel/Stainless Steel Body Structure; 5 yr Whelen LED Light Systems; 3 yr Palfinger Hoists; 4 yr SwapLoader Hoists; 1 year Swenson Spreaders, 2 yr Hyd, FALLS Snow Equip, Tele Hoists, and all other items.			

Price: \$120,061.00

Total Discounts:

Net Cost: \$120,061.00

Freight

Total: \$120,061.00

Accepted by _____

Date _____

Falls

SNOW EXPRESS

TRUCK MOUNT PLOW



Five (5) heavy rolled channel iron ribs. Horizontal braces for additional moldboard reinforcement.

Moldboard tilt feature. Moldboard may roll forward or back depending on snow and road conditions.

Precise moldboard curvature provides lift, roll, and throw of snow for maximum efficiency and easier plowing.

Discharge end is flanged and additionally reinforced with 1/2" roundbar.

Push frame attaches at four (4) pins — 1-1/4".

Bottom support structure is 4" x 4" x 1/2" A36MOD angle iron reinforced between bolt holes.

Standard screw-adjustable mushroom shoes.

Heavy-duty reversing push frame distributes plowing stress across the entire length of the moldboard

A-frame push plate is double tubular construction. Hitch unit will attach through large diameter hinge bolt (2") to allow the plow to oscillate to follow changing road contour.

Optional slotted trip (shown) or compression spring trip tilting bars.



Prepared for:
 Luke Jannett
 State Of Minnesota
 50 Sherburne Ave
 St Paul, MN 55155
 Phone: 651-201-2446

UPPER SIOUX COMMUNITY
 SA PLOW

Prepared by:
 Jeramiah Javens
 Phone: 507-929-0660

Q U O T A T I O N

108SD CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK CUM L9 350 HP @ 2000 RPM, 2200 GOV RPM, 1150 LB/FT @ 1400 RPM ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION RS-23-160 23,000# R-SERIES SINGLE REAR AXLE 26,000# FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	20,000# TAPERLEAF FRONT SUSPENSION 108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB 4275MM (168 INCH) WHEELBASE 7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI 1275MM (50 INCH) REAR FRAME OVERHANG BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW
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		PER UNIT		TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (1)	\$ 89,705	\$	89,705
EXTENDED WARRANTY		\$ 400	\$	400
DEALER INSTALLED OPTIONS		\$ 0	\$	0
CUSTOMER PRICE BEFORE TAX		\$ 90,105	\$	90,105

TAXES AND FEES

FEDERAL EXCISE TAX (FET)	\$	(207)	\$	(207)
TAXES AND FEES	\$	0	\$	0
OTHER CHARGES	\$	0	\$	0

TRADE-IN

TRADE-IN ALLOWANCE	\$	(0)	\$	(0)
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BALANCE DUE		(LOCAL CURRENCY)	\$	89,898
			\$	89,898

COMMENTS:

Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X _____ Date: ___ / ___ / ___.



See your local dealer for a competitive quote from Daimler Truck Financial, or contact us at Information@dtfoffers.com.

Daimler Truck Financial offers a variety of finance, lease and insurance solutions to fit your business needs. For more information about our products and services, visit our website at www.daimler-truckfinancial.com.

Prepared for:
Luke Jannett
State Of Minnesota
50 Sherburne Ave
St Paul, MN 55155
Phone: 651-201-2446

UPPER SIOUX COMMUNITY
SA PLOW

Prepared by:
Jeremiah Javens
Phone: 507-929-0660

S P E C I F I C A T I O N P R O P O S A L

Description	Weight Front	Weight Rear
Price Level		
SD PRL-15D (EFF:10/25/16)		
Data Version		
SPECPRO21 DATA RELEASE VER 012		
Vehicle Configuration		
108SD CONVENTIONAL CHASSIS	6,829	3,748
2021 MODEL YEAR SPECIFIED		
SET BACK AXLE - TRUCK		
STRAIGHT TRUCK PROVISION		
LH PRIMARY STEERING LOCATION		
General Service		
TRUCK CONFIGURATION		
DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
UTILITY/REPAIR/MAINTENANCE SERVICE		
GOVERNMENT BUSINESS SEGMENT		
DIRT/SAND/ROCK COMMODITY		
TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
MAXIMUM 8% EXPECTED GRADE		
SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
FREIGHTLINER SD VOCATIONAL WARRANTY		
EXPECTED FRONT AXLE(S) LOAD : 18000.0 lbs		
EXPECTED REAR DRIVE AXLE(S) LOAD : 23000.0 lbs		
EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 41000.0 lbs		
Truck Service		
FRONT PLOW/END DUMP BODY		
EXPECTED TRUCK BODY LENGTH : 0.0 ft		

Description	Weight Front	Weight Rear
J-CRAFT (TBEI) APPROVAL TO SHARE SPEC WITH TEM		
Engine		
CUM L9 350 HP @ 2000 RPM, 2200 GOV RPM, 1150 LB/FT @ 1400 RPM		
Electronic Parameters		
70 MPH ROAD SPEED LIMIT		
CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
CUMMINS TRIP INFORMATION REPORTS ENABLED; LEVEL 1: 4 MPH, LEVEL 2: 7 MPH ABOVE ROAD SPEED LIMIT		
PTO MODE ENGINE RPM LIMIT - 2100 RPM		
PTO RPM WITH CRUISE SET SWITCH - 1100 RPM		
PTO RPM WITH CRUISE RESUME SWITCH - 1200 RPM		
PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND		
FUEL DOSING OF AFTERTREATMENT ENABLED IN PTO MODE-CLEANS HYDROCARBONS AT HIGH TEMPERATURES ONLY		
ENGINE BRAKE WITH CRUISE CONTROL ENABLED AT 2 MPH ABOVE SET SPEED, 1 MPH INCREMENT BETWEEN BRAKING LEVELS		
PTO MINIMUM RPM - 700		
REGEN INHIBIT SPEED THRESHOLD - 0 MPH		
MAXIMUM ENGINE RPM = 1500 ON VSS FAILURE		
Engine Equipment		
2016-2019 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
NO 2008 CARB EMISSION CERTIFICATION		
STANDARD OIL PAN		
ENGINE MOUNTED OIL CHECK AND FILL		
SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10	
DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
(3) DTNA GENUINE, FLOODED STARTING, MIN 300CCA, 555RC, THREADED STUD BATTERIES	40	20

Prepared for:
 Luke Jannett
 State Of Minnesota
 50 Sherburne Ave
 St Paul, MN 55155
 Phone: 651-201-2446

UPPER SIOUX COMMUNITY
 SA PLOW

Prepared by:
 Jeremiah Javens
 Phone: 507-929-0660

Description	Weight Front	Weight Rear
BATTERY BOX WITH ALUMINUM COVER MOUNTED SHORT SIDE TO RAIL		
STANDARD BATTERY JUMPERS		
LH BATTERY BOX MOUNTED AS FAR AFT AS POSSIBLE, NO GREATER THAN 60 INCHES BACK OF CAB		
WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
NON-POLISHED BATTERY BOX COVER WITH 3/16 INCH TETHER ON FORWARD SIDE OF COVER/BOX		
CAB AUXILIARY POWER CABLE	5	
POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8	
POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
ELECTRONIC ENGINE INTEGRAL WARNING AND DERATE PROTECTION SYSTEM		
CUMMINS ENGINE INTEGRAL WITH VARIABLE GEOMETRY TURBO ON/OFF	20	
RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25
ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
10 FOOT 06 INCH (126 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
STANDARD CURVE BRIGHT UPPER STACK(S)		
RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
13 GALLON DIESEL EXHAUST FLUID TANK		
100 PERCENT DIESEL EXHAUST FLUID FILL		
STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
NON-POLISHED ALUMINUM DIAMOND PLATE DIESEL EXHAUST FLUID TANK COVER	15	5
LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
STANDARD DIESEL EXHAUST FLUID TANK CAP		

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 Phone: 507-929-0660

Description	Weight Front	Weight Rear
STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD		
HORTON DRIVEMASTER ADVANTAGE ON/OFF FAN DRIVE		
AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED		
CUMMINS SPIN ON FUEL FILTER		
COMBINATION FULL FLOW/BYPASS OIL FILTER		
1115 SQUARE INCH ALUMINUM RADIATOR		
ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
RADIATOR DRAIN VALVE		
PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4	
BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
ELECTRIC GRID AIR INTAKE WARMER		
DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH		

Transmission

ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION

Transmission Equipment

ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV

ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES

PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY

SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 4, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY

S1 PERFORMANCE PRIMARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY

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 State Of Minnesota
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 St Paul, MN 55155
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 SA PLOW

Prepared by:
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 Phone: 507-929-0660

Description	Weight Front	Weight Rear
S1 PERFORMANCE SECONDARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
2100 RPM PRIMARY MODE SHIFT SPEED		
2100 RPM SECONDARY MODE SHIFT SPEED		
FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED		
DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		
DIRECTION CHANGE ENABLED WITH MULTIPLEXED SERVICE BRAKES - ALLISON 5TH GEN TRANSMISSIONS		
VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT FIREWALL		
ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED		
CUSTOMER INSTALLED CHELSEA 280 SERIES PTO		
PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION		
MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
TRANSMISSION PROGNOSTICS - ENABLED 2013		
WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
TRANSMISSION OIL CHECK AND FILL WITH CROSSOVER TO CLEAR LH PTO AND DIRECT MOUNT PUMP		
SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		

Front Axle and Equipment

DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	190	
BENDIX ADB22X-V AIR DISC FRONT BRAKES		
NON-ASBESTOS FRONT BRAKE LINING		
FRONT DISC BRAKE ROTORS		
FRONT OIL SEALS		
VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
STANDARD SPINDLE NUTS FOR ALL AXLES		
FRONT AIR DISC BRAKE INTERNAL ADJUSTERS		
STANDARD KING PIN BUSHINGS		

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Description	Weight Front	Weight Rear
TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	130	
POWER STEERING PUMP		
4 QUART POWER STEERING RESERVOIR		
OIL/AIR POWER STEERING COOLER		
SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension		
20,000# TAPERLEAF FRONT SUSPENSION	200	
GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION		
NO FRONT SUSPENSION OPTIONS		
FRONT SUSPENSION WITH LEFT HAND OFFSET SHACKLE BRACKET	4	
FRONT SHOCK ABSORBERS		
Rear Axle and Equipment		
RS-23-160 23,000# R-SERIES SINGLE REAR AXLE		180
5.63 REAR AXLE RATIO		
IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	20	20
DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE		20
(1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE		
BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH		
BENDIX ADB22X AIR DISC REAR BRAKES		-25
NON-ASBESTOS REAR BRAKE LINING		
BRAKE CAMS AND CHAMBERS ON REAR SIDE OF DRIVE AXLE(S)		
REAR DISC BRAKE ROTORS		
REAR OIL SEALS		
AIR DISC LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		
REAR AIR DISC BRAKE INTERNAL ADJUSTERS		
SYNTHETIC 75W-90 REAR AXLE LUBE		
STANDARD REAR AXLE BREATHER(S)		
Rear Suspension		

Description	Weight Front	Weight Rear
26,000# FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD		40
SPRING SUSPENSION - 2.25 INCH AXLE SPACER		10
STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
FORE/AFT CONTROL RODS		
Brake System		
WABCO 4S/4M ABS		
REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
FIBER BRAID PARKING BRAKE HOSE		
STANDARD BRAKE SYSTEM VALVES		
STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
STD U.S. FRONT BRAKE VALVE		
RELAY VALVE WITH 3-4.5 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
BW AD-9SI BRAKE LINE AIR DRYER WITH HEATER		
AIR DRYER MOUNTED INBOARD ON LH RAIL		
STEEL AIR BRAKE RESERVOIRS; CUSTOMER ACCEPTS TANKS MOUNTED PERPENDICULAR TO RAIL	10	10
CLEAR FRAME RAIL FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, RH RAIL OUTBOARD		
PULL CABLES ON ALL AIR RESERVOIR(S)		
Trailer Connections		
UPGRADED CHASSIS MULTIPLEXING UNIT		
Wheelbase & Frame		
4275MM (168 INCH) WHEELBASE		
7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	170	150
BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW		
1275MM (50 INCH) REAR FRAME OVERHANG		
FRAME OVERHANG RANGE: 41 INCH TO 50 INCH	20	-100
24 INCH INTEGRAL FRONT FRAME EXTENSION	140	-20
CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 102.76 in		

Description	Weight Front	Weight Rear
CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 99.76 in		
CALC'D FRAME LENGTH - OVERALL : 283.67		
CALCULATED FRAME SPACE LH SIDE : 31.32 in		
CALCULATED FRAME SPACE RH SIDE : 173.09 in		
CALC'D SPACE AVAILABLE FOR DECKPLATE : 102.45 in		
SQUARE END OF FRAME		
FRONT CLOSING CROSSMEMBER		
LIGHTWEIGHT HEAVY DUTY ALUMINUM ENGINE CROSSMEMBER	-12	
STANDARD MIDSHIP #1 CROSSMEMBER(S)		
STANDARD REARMOST CROSSMEMBER		
STANDARD SUSPENSION CROSSMEMBER		
Chassis Equipment		
OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203	-110	
HUCK-SPIN ROUND COLLAR CHASSIS FASTENERS SUSPENSIONS ONLY		
Fuel Tanks		
70 GALLON/264 LITER ALUMINUM FUEL TANK - LH	5	
23 INCH DIAMETER FUEL TANK(S)		
PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH POLISHED STAINLESS STEEL BANDS		
FUEL TANK(S) FORWARD		
PLAIN STEP FINISH		
FUEL TANK CAP(S)		
DAVCO 245 FUEL/WATER SEPARATOR WITH 12 VOLT HEAT AND WATER IN FUEL SENSOR	5	
EQUIFLO INBOARD FUEL SYSTEM		
NO NATURAL GAS VEHICLE FUEL TANK VENT LINE/STACK		
HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires		
MICHELIN X WORKS Z 315/80R22.5 20 PLY RADIAL FRONT TIRES	100	
MICHELIN X MULTI D 11R22.5 14 PLY RADIAL REAR TIRES		96

Prepared for:
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Description	Weight Front	Weight Rear
Hubs		
CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
Wheels		
ALCOA ULTRA ONE 89U64X 22.5X9.00 10-HUB PILOT 5.99 INSET ALUMINUM FRONT WHEELS	-28	
ALCOA LVL ONE 88267X 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS		-100
NO FRONT AXLE WHEEL/HUB COVER		
NYLON WHEEL GUARDS FRONT AND REAR ALL INTERFACES		
Cab Exterior		
108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
AIR CAB MOUNTING		
NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
SHORT FENDER WITH MUDFLAP		
BOLT-ON MOLDED FLEXIBLE FENDER EXTENSIONS	10	
LH AND RH EXTERIOR GRAB HANDLES WITH SINGLE RUBBER INSERT		
BRIGHT FINISH RADIATOR SHELL/HOOD BEZEL		
STATIONARY BLACK GRILLE WITH BRIGHT ACCENTS		
CHROME HOOD MOUNTED AIR INTAKE GRILLE		
FIBERGLASS HOOD		
CAB FLOOR, TOE BOARD AND FIREWALL HEAT SHIELD	5	
SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK		
SINGLE ELECTRIC HORN		
SINGLE HORN SHIELD		
DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME		
KEY QUANTITY OF 2		
REAR LICENSE PLATE MOUNT END OF FRAME		
HALOGEN COMPOSITE HEADLAMPS WITH BRIGHT BEZELS		
LED AERODYNAMIC MARKER LIGHTS		

Prepared for:
 Luke Jannett
 State Of Minnesota
 50 Sherburne Ave
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 Phone: 651-201-2446

UPPER SIOUX COMMUNITY
 SA PLOW

Prepared by:
 Jeremiah Javens
 Phone: 507-929-0660

Description	Weight Front	Weight Rear
FREIGHTLINER LED FLANGE MOUNTED STOP/TAIL/TURN LIGHTS WITH SEPARATE INCANDESCENT BACKUP LIGHTS STANDARD FRONT TURN SIGNAL LAMPS NO WORK LIGHT DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE DOOR MOUNTED MIRRORS 102 INCH EQUIPMENT WIDTH LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		5
RH AND LH 8 INCH HEATED STAINLESS STEEL FENDER MOUNTED CONVEX MIRRORS WITH QUADPOD BRACKETS STANDARD SIDE/REAR REFLECTORS RH AFTERTREATMENT SYSTEM CAB ACCESS WITH POLISHED DIAMOND PLATE COVER	8	
COMPOSITE EXTERIOR SUN VISOR 63X14 INCH TINTED REAR WINDOW TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS	10	
RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S) 1-PIECE BONDED HEATED WIPER PARK SOLAR GREEN GLASS WINDSHIELD 8 LITER (2 GAL) WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITHOUT FLUID LEVEL INDICATOR	4	

Cab Interior

OPAL GRAY VINYL INTERIOR MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR BLACK MATS WITH SINGLE INSULATION DASH MOUNTED ASH TRAY(S) WITHOUT LIGHTER NO FORWARD ROOF MOUNTED CONSOLE CENTER STORAGE CONSOLE MOUNTED ON BACKWALL (2) CUP HOLDERS LH AND RH DASH GRAY/CHARCOAL WING DASH	20	
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Description	Weight Front	Weight Rear
SMART SWITCH EXPANSION MODULE		
2-1/2 LB. FIRE EXTINGUISHER	5	
HEATER, DEFROSTER AND AIR CONDITIONER		
STANDARD HVAC DUCTING WITH SNOW SHIELD FOR FRESH AIR INTAKE		
MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
STANDARD HEATER PLUMBING		
VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR		
BINARY CONTROL, R-134A		
PREMIUM INSULATION		
SOLID-STATE CIRCUIT PROTECTION AND FUSES		
12V NEGATIVE GROUND ELECTRICAL SYSTEM		
DOMED DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF		
LH AND RH ELECTRIC DOOR LOCKS		
(1) 12V POWER SUPPLY (1) DUAL 2.1 AMP USB CHARGER IN DASH		
TRIANGULAR REFLECTORS KIT WITHOUT FLARES SHIPPED LOOSE IN CAB	10	
PREMIUM HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 3 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION, FORWARD AND REAR CUSHION TILT, ADJUSTABLE SHOCK ABSORBER	70	
BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT		
DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4	
LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
GRAY MORDURA CLOTH DRIVER SEAT COVER		
GRAY MORDURA CLOTH PASSENGER SEAT COVER		
BLACK SEAT BELTS		
ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
4-SPOKE 18 INCH (450MM) STEERING WHEEL		
DRIVER AND PASSENGER INTERIOR SUN VISORS		
NO ENTRY/ACCESS/STEP WIRING		

Instruments & Controls

WOODGRAIN DRIVER INSTRUMENT PANEL

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Description	Weight Front	Weight Rear
WOODGRAIN CENTER INSTRUMENT PANEL		
BLACK GAUGE BEZELS		
LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
ENGINE COMPARTMENT MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS, WITH WARNING LIGHT IN DASH		
97 DB BACKUP ALARM		3
ELECTRONIC CRUISE CONTROL WITH SWITCHES ON AUXILIARY GAUGE PANEL (B DASH PANEL)		
KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
2 INCH ELECTRIC FUEL GAUGE		
PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE		
ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		
ELECTRIC ENGINE OIL PRESSURE GAUGE		
OVERHEAD INSTRUMENT PANEL		
SMARTPLEX HUB MODULE WITH OVERHEAD SWITCH MOUNTING, DRIVER SIDE ONLY (6 SWITCH SLOTS)	44	
AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH AND USB AND AUXILIARY INPUTS, J1939	10	
DASH MOUNTED RADIO		
(2) RADIO SPEAKERS IN CAB		
POWER AND GROUND WIRING PROVISION OVERHEAD		
ROOF/OVERHEAD CONSOLE CB RADIO PROVISION		

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Description	Weight Front	Weight Rear
MULTI-BAND AM/FM/WB/CB LH MIRROR MOUNTED ANTENNA SYSTEM		
ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
STANDARD VEHICLE SPEED SENSOR		
ELECTRONIC 3000 RPM TACHOMETER		
IGNITION SWITCH CONTROLLED ENGINE STOP		
PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH		
6 ON/OFF LATCHING SMARTPLEX SWITCHES		
DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY AND ARCTIC TYPE BLADES		
MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH AND DUAL CONNECTORS AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS, LOW BEAMS OFF WITH HIGH BEAMS		
ONE VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR		
SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		
INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		

Design

PAINT: ONE SOLID COLOR

Color

CAB COLOR A: L0789EY OMAHA ORANGE ELITE EY
 BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
 SUNVISOR PAINTED SAME AS CAB COLOR A
 STANDARD E COAT/UNDERCOATING

Certification / Compliance

U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS

Secondary Factory Options

NO CUSTOMER FURNISHED MATERIAL SPECIFIED

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Description	Weight Front	Weight Rear
Raw Performance Data		
CALC'D FRAME LENGTH - OVERALL :	283.67	
CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) :	99.76 in	
CALC'D SPACE AVAILABLE FOR DECKPLATE :	102.45 in	

T O T A L V E H I C L E S U M M A R Y

Weight Summary			
	Weight Front	Weight Rear	Total Weight
Factory Weight ⁺	8017 lbs	4087 lbs	12104 lbs
Total Weight⁺	8017 lbs	4087 lbs	12104 lbs

Extended Warranty
 TOWING: 2 YEARS/UNLIMITED MILES/KM EXTENDED TOWING
 COVERAGE \$550 CAP FEX APPLIES

(+) Weights shown are estimates only.
 If weight is critical, contact Customer Application Engineering.

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.