

APPENDIX D-4
Beneficiary Eligible Mitigation Action Certification

BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

Beneficiary Fond du Lac Band of Lake Superior Chippewa

Lead Agency Authorized to Act on Behalf of the Beneficiary Fond du Lac Air Quality Program
(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:	Diesel Vehicle Replacement, third round
Beneficiary's Project ID:	20VW
Funding Request No.	<i>(sequential)</i> 3
Request Type: (select one or more)	<input type="checkbox"/> Reimbursement <input checked="" type="checkbox"/> Advance <input type="checkbox"/> Other (specify): _____
Payment to be made to: (select one or more)	<input checked="" type="checkbox"/> Beneficiary <input type="checkbox"/> Other (specify): _____
Funding Request & Direction (Attachment A)	<input checked="" type="checkbox"/> Attached to this Certification <input type="checkbox"/> To be Provided Separately

SUMMARY

Eligible Mitigation Action	<input checked="" type="checkbox"/> Appendix D-2 item (specify): _____
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): The Band proposes replacing two old diesel dump trucks with two newer dump trucks.	
Estimate of Anticipated NOx Reductions (5.2.3): 0.59 tons/year of NOx, 0.046 tpy of PM, and 0.34 tpy of CO2	
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): <small>The FdL Reservation Business Cmte, Comptroller, and Program Acting Director will review and audit expenditures of EMAs to ensure compliance with applicable law.</small>	
Describe how the Beneficiary will make documentation publicly available (5.2.7.2). Documentation will be publicly available via the Band's website. Information will also be provided upon request. See Attach C for more details.	
Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8). No direct cost share requirements will be placed on the sources to be mitigated. Some staff time will also be charged (see attachment).	
Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9). No Federal agencies have requested notification.	

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).

ATTACHMENTS
(CHECK BOX IF ATTACHED)

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

CERTIFICATIONS

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

1. This application is submitted on behalf of Beneficiary Fond du Lac Band of Lake Superior Chippewa, 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 27, 2020

Joy Wiecks, Air Coordinator

[NAME]

[TITLE]

Joy Wiecks

Fond du Lac Air Quality Program

[LEAD AGENCY]

for

Fond du Lac Band of Lake Superior Chippewa

[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	
Project Sponsor Submits Proposal to Lead Agency	
Lead Agency Provides Written Approval of Project Sponsor's Proposal	
Lead Agency Incorporates Project Sponsor's Proposal into Mitigation Plan	
Trustee Acknowledges Receipt of Project Certification and Funding Direction	
Trustee Allocates Share of Funds for Approved Project	
Lead Agency Directs Funding (Advance Funded Projects)	
Project Sponsor Obtains Cost Share, Notifies or Certifies to Lead Agency	
Project Sponsor Enters into Contracts, Purchase Orders, etc. - Start	
Project Sponsor Enters into Contracts, Purchase Orders, etc. - Complete	
Project Installation(s) – Start	
Project Installation(s) – Complete	
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)	
Trustee Acknowledges Receipt of Direction for Payment(s) (Advance Funded, Reimbursement)	-
Project Sponsor Certifies Project Completion	
Lead Agency Reports Project Completion	

PROJECT BUDGET

Period of Performance: _____				
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	\$292,068.00	\$292,068.00	\$	\$
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	\$5,484.49	\$5,484.49	\$	\$
Project Totals	\$297,552.49	\$297,555.49	\$	\$
Percentage	100 %	100 %	%	%

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	\$	\$	\$ 960,349.00	\$ 299,263.00	\$
2. Anticipated Annual Cost Share	\$	\$	\$	\$	\$
3. Anticipated Total Project Funding by Year (line 1 plus line 2)	\$	\$	\$ 960,349.00	\$ 299,263.00	\$
4. Cumulative Trustee Payments Made to Date Against Cumulative Approved Beneficiary Allocation	\$	\$	\$ 960,349.00	\$ 0.00	\$
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)	\$	\$	\$ 960,349.00	\$ 299,263.00	\$
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)	\$	\$	\$	\$	\$



**FOND DU LAC RESERVATION
ENVIRONMENTAL PROGRAM**

**D-4 Addendums and Attachments for Wilmington Trust, LLC
Fond du Lac Tribal Air Program**

**Volkswagen Diesel Emission Environmental Mitigation Trust
Agreement for Indian Tribe Beneficiaries**

**Case 3:15-MD-2672 CRB
Document 51-2 Filed 10/01/2017**

**Submitted By
Joy Wiecks, Air Coordinator**

**Fond du Lac Band of Lake Superior Chippewa
1720 Big Lake Road
Cloquet, MN, 55720**

August 27, 2020

Section 5.2.9 Addendum

In accordance with the requirements of Section 4.2.8, the Fond du Lac Band (“the Band”) agreed to notify the US Department of the Interior and the US Department of Agriculture, or any other federal agencies, within 30 days of being deemed a Beneficiary pursuant to subparagraph 4.0.2.1 of the Environmental Mitigation Trust Agreement (“EMTA”) if these agencies asked to be notified. Since no agencies have contacted us, we will not be sending notifications.

Section 5.2.10 Addendum

The Band believes that this project has the potential to impact a community that has historically borne a disproportionate share of the adverse impacts of emissions of nitrous oxides (“NOx”) by improving air quality on the Reservation. Native people have high rates of asthma, diabetes, and chronic obstructive pulmonary disease compared to the general population.

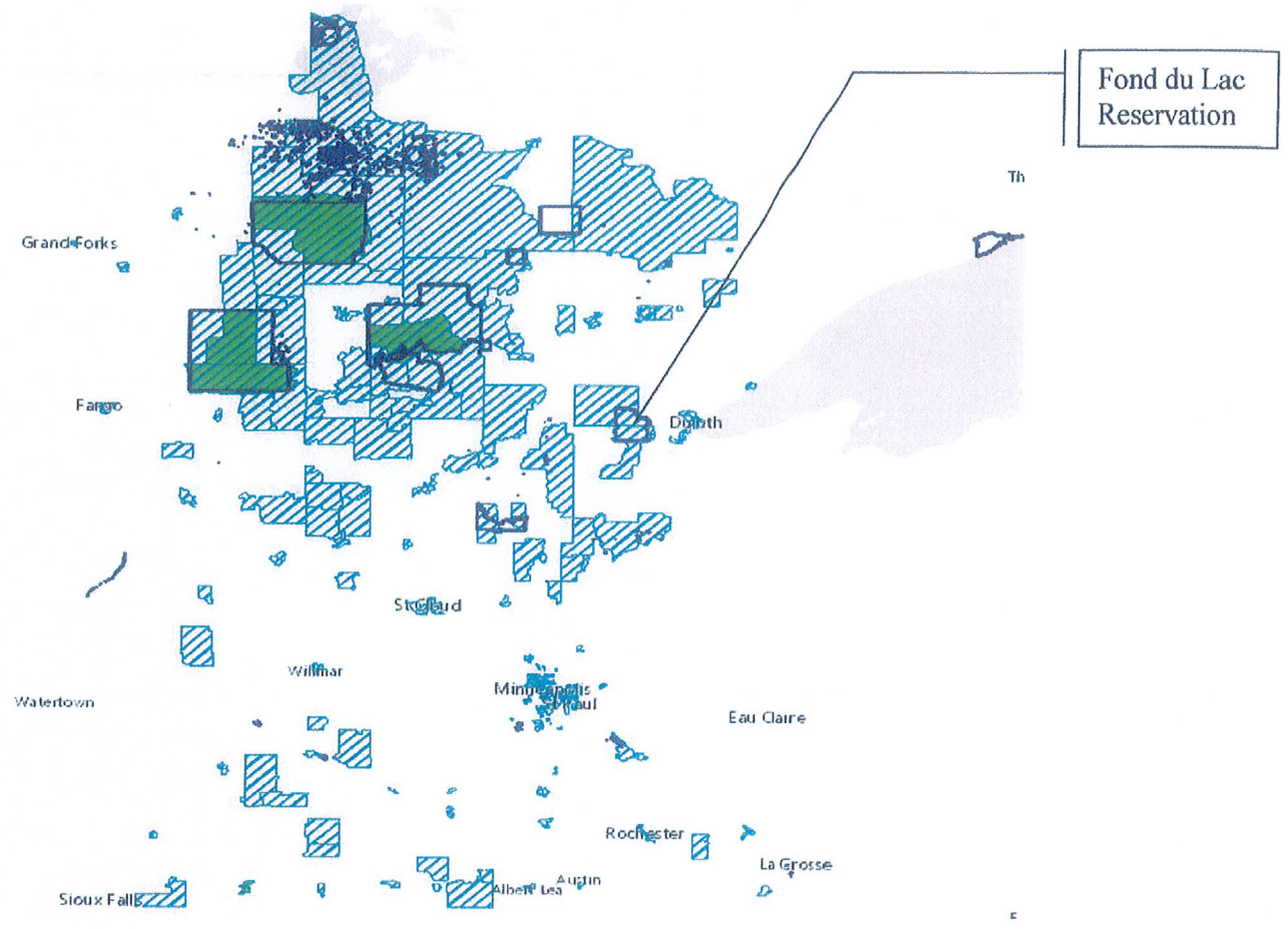
The 2017 Minnesota Statewide Health Assessment demonstrates the greater health burden borne by Native people. First, the report shows that 36% of all American Indian children in the state live in poverty. This rate is 4.5 times the poverty rate for white children. Other statistics from this report show:




- American Indian people in Minnesota are more likely to live in poverty (40%, as compared to 8% of white Minnesotans);
- American Indian youth are less likely to graduate from high school in four years (53%, as compared to 87% for white youth);
- American Indians are four times as likely to die of diabetes than white Minnesotans, and twice as likely to die of unintentional injury;
- Young American Indians are more likely to attempt suicide;
- American Indian people in Minnesota have lung cancer at a rate twice as high as the rate for black Minnesotans and three times the rate for Asian and white people in Minnesota;
- The lifespan of people living in higher-income areas of the Twin Cities metropolitan area can be more than 13 years longer than people living in low-income areas;
- People who worry about housing costs (American Indians are one of the groups most likely to have this problem) are more likely to report having chronic diseases such as cancer, arthritis, depression, diabetes, or asthma;
- American Indian people in Minnesota are three times more likely to be unemployed than people who are white;
- American Indian populations in Minnesota are far less likely than other groups to have health insurance.

The Fond du Lac Reservation has been identified by the Minnesota Pollution Control Agency (“MPCA”) as an Environmental Justice community based on the percentage of

residents reporting income less than 185% of the federal poverty level. Additionally, the population on non-whites on the Reservation is just below 50%.



Areas of concern for environmental justice in Minnesota (MPCA)



	At least 40% of people reported income less than 185% of the federal poverty level
	50% or more people of color
	Fond du Lac Reservation

Areas of concern for environmental justice near Cloquet (MPCA)



-  At least 40% of people reported income less than 185% of the federal poverty level
-  50% or more people of color

Additionally, a 2016 study performed by St. Louis County, Public Health and Human Services, looked at social determinants of health, such as education, income, and the chronic stress of racism. The study showed that residents living in the Central Hillside area of Duluth, Minnesota (located about 20 miles from the Reservation), had a life expectancy of roughly 11 years less than residents living in more affluent areas of the city. The study correlated this shorter expected lifespan with a low median household income, lower levels of education, and race. In the report, people of color had a life expectancy about 5-6 years less than white people.

Central Hillside has the highest concentration of persons of color in the city, including about 2,000 Native people, some of whom are Fond du Lac Band members and some of whom are members of other tribal nations. While the vehicles replaced in this action will not directly impact all of the residents of the Central Hillside area, there is overlap because some of these Native people travel to the Reservation to attend work or school, and because this population can be highly mobile, meaning that they move on or off the Reservation frequently.

While many of the factors impacting Environmental Justice populations are not directly due to air pollution, the impacts of pollutants can be more harmful on people whose health is already compromised, due to the impacts of racism and poverty, and for those who are already in poor health. NO_x emissions can irritate airways in the human respiratory system, aggravate respiratory diseases, leading to symptoms such as coughing, wheezing, or breathing difficulties. NO_x pollutants react with other chemicals in the atmosphere to form fine particulate matter (“PM-2.5”) and ozone, both of which are harmful when inhaled due to their effects on the respiratory system.

There is one major source of NO_x on the Reservation, a natural gas pumping station owned by TransCanada. Two other major sources just off-Reservation also emit NO_x. One, a pulp and paper mill, emitted 1,570 tons of NO_x in 2015. The other, a ceiling tile manufacturer, emitted 65 tons of NO_x in 2015. Highway 35 runs through the southeast corner of the Reservation, carrying thousands of vehicles per day and creating associated NO_x emissions.

Attachment A
Funding Request and Direction

For Funding Period

November 11, 2020-November 11, 2021

Total Cost

\$297,552.49

Summary

Volkswagen (“VW”) Settlement funds will be used to replace two old diesel vehicles with two new diesels. The Band will also charge for staff time as shown in Tables 5 and 8.

Introduction

On June 28, 2016, the United States lodged with the court (U.S. District Court for the Northern District of California) a settlement with automaker VW to resolve allegations that VW violated the Clean Air Act (“CAA”) by the sale of 2.0 and 3.0 liters diesel engines equipped with “defeat devices” (“CAA 2.0 Liter Partial Settlement”) meant to falsify air emission tests. The major excess pollutant at issue in this case is NOx, and is a serious public health concern.

The Fond du Lac Band is one of six Chippewa Indian Bands in the state of Minnesota. The Fond du Lac Reservation was established by the 1854 Treaty of La Pointe and is located in northeastern Minnesota, 20 miles from the Twin Ports of Duluth, Minnesota, and Superior, Wisconsin. The Reservation covers 101,000 acres of land and contains populations of white-tailed deer, black bear, ruffed grouse, and various species of waterfowl. It is also home to such animals as river otter, pine marten, fisher, moose, gray wolf, bald eagle, osprey, great gray owl, and northern boreal owl. There are over 4,200 enrolled tribal members, with a Band-member Reservation population of 1,850. A substantial number of non-tribal members also reside on the Reservation, bringing the total Reservation population to 4,090 persons.

The governing body of the Band is the Reservation Business Committee (“RBC”) and consists of three elected representatives who serve four-year terms on a staggered basis representing the three Reservation districts of Cloquet, Brookston, and Sawyer, respectively. The RBC Chairperson and Secretary-Treasurer are elected to staggered 4-year terms by the entire eligible population of the Band, encompassing all three districts.

Project Description

Clean air is important to the Reservation as a way to protect the health of its Band members and the quality of the natural environment. Band members often participate in subsistence fishing, hunting, and gathering activities that are critical to the cultural identity of the Band. Due to the large quantity of game, fish, and plants consumed by Band members, the Band needs to ensure that these items are not contaminated; maintaining clean air is an integral part of this goal.

One concern of the Fond du Lac Air Program is the Band's own diesel-powered vehicle fleet. The vehicles proposed for replacement through Eligible Mitigation Actions ("EMAs") are shown in Table 1. These vehicles were selected because of the magnitude of their diesel emissions on the Reservation, the age of the vehicles, and the cost effectiveness of replacing them versus other vehicles. Replacement vehicles are described briefly in Attachment D.

Methods

Our analysis was conducted using the Diesel Emissions Quantifier ("DEQ") available on the EPA website, along with the help of diesel program staff at the MPCA. The DEQ requires some assumptions and estimates in order to obtain data. For example, in order to calculate estimated health benefits, one must determine exactly how much time the vehicles spend in the counties in which they operate. Considering the Fond du Lac Reservation is divided evenly between St. Louis and Carlton Counties, and having no data to the contrary, we estimated that each vehicle operates half of its time in each of the two counties.

Additionally, the estimates of idling hours were calculated starting with the total annual usage hours that were taken from public works time cards. Then average miles per hour per vehicle were estimated along with annual vehicle mileage, which was determined using total vehicle mileage divided by vehicle age. Miles per gallon estimates used to calculate annual fuel usage were based on experiential opinions of fleet managers, vendor dealers, and online forum discussions.

Attachment B
**Eligible Mitigation Action Plan Including Detailed Budget and
 Implementation and Expenditures Timeline (5.2.4)**

An estimate of the NOx reductions anticipated as a result of the proposed EMAs can be found below, along with estimated reductions of PM-2.5 and greenhouse gases. Please note that emissions reductions from old diesel vehicles have been estimated in tons per year, over a one year period. This was advised by the MPCA diesel program experts, using the assumption that the old diesels have a life expectancy of just one year. In contrast, emissions reductions from the EV charging stations were calculated on a 10-year basis, also on MPCA advice, as it may take some time for the EV market to reach a stable level of operation. A detailed timeline is included below in Table 2.

Table 1: Expected Health Benefits from Diesel Replacement Emissions Reductions via Replacement Vehicles

Vehicle	VIN	NOx reduced (tons per year)	PM2.5 reduced (tons per year)	CO2 reduced (tons per year)	Annual Health Benefits
1999 International F-2674 Dump Truck	1HTGLAHT6XH608078	0.295	0.023	0.17	\$4,300.00
2000 International F-2674 Dump Truck	1HTGLAHT8YH229794	0.295	0.023	0.17	\$4,300.00
Total:		0.59	0.046	0.34	\$8,600.00

Table 2: Timeline

<u>Activity</u>	<u>Date</u>
Submit application to Trustee	August 28, 2020
Trustee approves, denies application or requests more information	October 27, 2020
Trustee transmits payment to Band	November 11, 2020
Band approves quotes for final purchases	December 18, 2020
Vehicles delivered	March 30, 2021
Final payments made	April 15, 2021
Close-out with Trustee	July 15, 2021

Specific Environmental Outputs

The Band proposes to replace two older diesel vehicles with two newer, cleaner models. The old vehicles will be scrapped. All required reports will be completed and made available as required.

Desired Environmental Outcomes

Desired outcomes from this grant are improved ambient air quality within the boundaries of the Reservation, decreased usage of limited fossil fuels on the Reservation, and an increased awareness amidst the public regarding the impact that mobile sources have on pollution levels.

Collaborations or Partnerships

During this project, Wilmington Trust will serve as a technical and logistical resource for funding. The Fond du Lac Accounting Division will coordinate directly with the Trustee via Intralinks to upload required accounting documents.

The MPCA has provided technical advice to Fond du Lac in completing this application. Northern Arizona University's Institute for Tribal Environmental Professionals also provided technical assistance in understanding and completing application requirements.

The Fond du Lac Environmental Office has managed a significant number of federal Environmental Protection Agency grants, while adhering to all specified reporting requirements. The Band has been able to meet the reporting requirements for all its grants, as well as submitting required final technical reports for each grant.

Staff time was estimated for the Air Coordinator and the Air Quality Technician. The table below quantifies salary and fringe benefits.

Table 5: Administrative Costs

Personnel	Hourly Rate	Hours Needed	Salary	Pension (5%)	FICA (7.65%)	SUTA (1.42%)	Total Cost
Air Coord	\$30.04	100	\$3,004.00	\$150.20	\$229.81	\$42.66	\$3,426.67
Air Tech	\$18.04	100	\$1,804.00	\$90.20	\$138.00	\$25.62	\$2,057.82
						Total:	\$5,484.49

Attachment C

Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11)

Reporting on EMAs will take place quarterly. Reports will be posted on the Band's website no more than 30 days after the end of each calendar quarter, starting with the period from November 11, 2020 onward, and also provided to the Trustee via Intralinks. The Band will oversee the proposed EMAs as follows:

- The Fond du Lac RBC, Comptroller, and Program Accounting Director will review and audit expenditures of EMAs to ensure compliance with applicable law.
- The Band will maintain and make publicly available all documentation submitted in support of the funding request, as well as records supporting all expenditures of EMA funds, subject to applicable laws governing the publication of confidential business information and personally-identifiable information. The Band proposes posting such documentation on our website, under the Resource Management/Environmental/Air Quality tab. The Air Program will work with the Band's Comptroller and computer staff in posting this documentation to ensure that all information is true, accurate, and easy to access. Information will also be provided upon request. The procedure by which the Band shall make such documentation publicly available is: requests shall be made to the Band's Air Program, whereupon a representative from the Air Program will confer with the Band's Comptroller. Upon approval from the Comptroller, the Air Program will provide the available documents or provide an explanation as to why they will not be released within 20 days of receipt of the request.
- The Band is not proposing to place any cost-sharing requirements on any NOx sources to be mitigated. The Band owns all of the cited diesel vehicles and will own any replacement vehicles. Support of these activities will be undertaken by appropriate Fond du Lac employees as a part of their regular job duties. Such job duties can be quantified and reported upon, if needed.
- Upon the termination or completion of any EMA, any unused EMA funds shall be returned by the Band to the Trustee, to ultimately be returned to the Tribal Allocation Subaccount.
- The Band understands that for each EMA, the Band shall submit a semiannual report to the Trustee (via Intralinks) describing the progress made on implementing each EMA during the six-month period leading up to the reporting date. This report shall include a summary of all costs expended on the EMA through the reporting date. The first report shall be submitted no later than six months after receiving the first disbursement of

Trust Assets, and thereafter no later than January 30 (for the preceding six-month period of July 1 to December 31) and July 30 (for the preceding six-month period of January 1 to June 30).

- These reports will include a complete description of the status (including actual or projected termination date), development, implementation, and any modification to each approved EMA. The Band will group multiple EMA's into one report. These reports will be signed by an official with the authority to submit the report for the Band and will contain an attestation that the information is true and correct, and that the submission is made under penalty of perjury.

Attachment D
**Detailed Cost Estimates from Selected or Potential Vendors for
each Proposed Expenditure Exceeding \$25,000 (5.2.6)**

A detailed budget and expenditures are included on pages 7–8 of Appendix D-4 and specified vendor quotes are attached to Appendix D-3. An overview of the proposed budget for our diesel retrofit project is:

Table 7: Replacement Vehicle Costs

Old Vehicle	VIN	New Vehicle	Cost
1999 International F-2674 Dump Truck	1HTGLAHT6XH608078	2021 Western Star Flatbed Trailer	\$146,034.00
2000 International F-2674 Dump Truck	1HTGLAHT8YH229794	2021 Western Star Flatbed Trailer	\$146,034.00
		Total Cost	\$292,068.00

Table 8: Administrative Costs

Personnel	Hourly Rate	Hours Needed	Salary	Pension (5%)	FICA (7.65%)	SUTA (1.42%)	Total Cost
Air Coord	\$30.04	100	\$3,004.00	\$150.20	\$229.81	\$42.66	\$3,426.67
Air Tech	\$18.04	100	\$1,804.00	\$90.20	\$138.00	\$25.62	\$2,057.82
						Total:	\$5,484.49

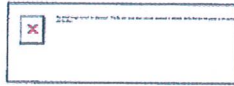
Total Project Costs:

$\$292,068.00 + \$5,484.49 = \$297,552.49$

The Band will ensure that the vehicles to be replaced will be scrapped. “Scrapped” shall render them inoperable and available for recycling, and, at a minimum, to cut a 3-inch hole in all engine blocks. If any Eligible Vehicle is replaced as part of an Eligible project, “scrapped” shall also include the disabling of the chassis by cutting the vehicle’s frame rails completely in half. Scrapping will be verified and performed as required.

The Band certifies that all vendors will be selected in accordance with tribal public contracting laws, as applicable.

Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423

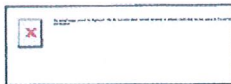


SPECIFICATION PROPOSAL

Description	Weight Front	Weight Rear
Price Level		
WESTERN STAR 4700 PRL-23T (EFF:01/21/20)		
Data Version		
SPECPRO21 DATA RELEASE VER 026		
Vehicle Configuration		
WESTERN STAR 4700 SET-BACK FRONT AXLE CHASSIS	9,215	6,480
2021 MODEL YEAR SPECIFIED		
SET BACK AXLE - TRUCK		
TRAILER TOWING PROVISION AT END OF FRAME WITH SAE J560	10	10
LH PRIMARY STEERING LOCATION		
General Service		
TRUCK/TRAILER CONFIGURATION		
DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
CONSTRUCTION SERVICE		
CONSTRUCTION BUSINESS SEGMENT		
BUILDING MATERIAL 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		
WESTERN STAR VOCATIONAL WARRANTY		
EXPECTED FRONT AXLE(S) LOAD : 18000.0 lbs		
EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs		



Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423



Description	Weight Front	Weight Rear
EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 58000.0 lbs		
EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs		
Truck Service		
FLATBED/PLATFORM/STAKE BODY EXPECTED TRUCK BODY LENGTH : 22.0 ft		
Tractor Service		
FLATBED TRAILER SINGLE (1) TRAILER		
Engine		
CUM L9 370 HP @ 2000 RPM, 2100 GOV RPM, 1250 LB/FT @ 1400 RPM	-850	-70
Electronic Parameters		
72 MPH ROAD SPEED LIMIT CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT 5 MINUTE IDLE SHUTDOWN - TIMER RESET WITH CLUTCH AND SERVICE BRAKE PTO MODE ENGINE RPM LIMIT - 1200 RPM PTO MODE THROTTLE OVERRIDE - LIMIT TO 1200 RPM PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED PTO RPM WITH CRUISE SET SWITCH - 800 RPM PTO RPM WITH CRUISE RESUME SWITCH - 900 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 ONE REMOTE PTO SPEED PTO SPEED 1 SETTING - 1200 RPM PTO MINIMUM RPM - 700 REGEN INHIBIT SPEED THRESHOLD - 5 MPH		
Engine Equipment		
2016-2019 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		



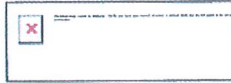
Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423



Description	Weight Front	Weight Rear
2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
STANDARD OIL PAN		
ENGINE MOUNTED OIL CHECK AND FILL		
ONE PIECE VALVE COVER		
SIDE OF HOOD AIR INTAKE WITH DONALDSON HIGH CAPACITY AIR CLEANER WITH SAFETY ELEMENT, FIREWALL MOUNTED		
DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
(3) DTNA GENUINE, FLOODED STARTING, MIN 2250CCA, 510RC, THREADED STUD BATTERIES	-10	
BATTERY BOX FRAME MOUNTED	35	
SINGLE BATTERY BOX FRAME MOUNTED LH SIDE BACK OF CAB		
WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
NON-POLISHED BATTERY BOX COVER		
POSITIVE LOAD DISCONNECT WITH DASH MOUNTED CONTROL SWITCH WITH LOCKING PROVISION	8	
POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
LOW VOLTAGE BATTERY DISCONNECT AT 12.3 VOLTS FOR ISOLATED CIRCUITS WITH LOCAL ALARM		
CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
AIR COMPRESSOR DISCHARGE LINE		
ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF	20	
RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE		
ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
11 FOOT 06 INCH (138 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		

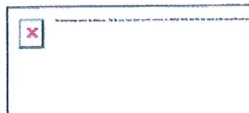


Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423



Description	Weight Front	Weight Rear
RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
6 GALLON DIESEL EXHAUST FLUID TANK		
100 PERCENT DIESEL EXHAUST FLUID FILL		
STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD		
HORTON DRIVEMASTER ADVANTAGE ON/OFF FAN DRIVE		
AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
CUMMINS SPIN ON FUEL FILTER		
COMBINATION FULL FLOW/BYPASS OIL FILTER		
1300 SQUARE INCH ALUMINUM RADIATOR	-20	
MOUNTING FOR FIREWALL MOUNTED SURGE TANK		
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		
LOWER RADIATOR GUARD		
PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4	
PHILLIPS-TEMRO 150 WATT/115 VOLT OIL PREHEATER	4	
CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
ALUMINUM FLYWHEEL HOUSING		
ELECTRIC GRID AIR INTAKE WARMER		
DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH	-35	
Transmission		
ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	-110	-35

Transmission Equipment



Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423



Description	Weight Front	Weight Rear
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 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
S5 PERFORMANCE LIMITING PRIMARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
S7 ECONOMY LIMITING SECONDARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
2200 RPM PRIMARY MODE SHIFT SPEED		
2000 RPM SECONDARY MODE SHIFT SPEED		
FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED		
MAXIMUM ENGINE SPEED FOR PTO ENGAGEMENT 800 RPM		
BODY LIGHTING POWER WIRED TO CUSTOMER INTERFACE CONNECTOR WITH SEPARATE STOP/TURN		
ELECTRONIC TRANSMISSION WIRING TO CUSTOMER INTERFACE CONNECTOR		
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 ELECTRONIC OIL LEVEL CHECK		
SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		

Front Axle and Equipment

Application Version 11.2.313
 Data Version PRL-23T.026
 Fond Du Lac Const 080320



08/03/2020 12:52 PM

Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423



Description	Weight Front	Weight Rear
DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE		
MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
NON-ASBESTOS FRONT BRAKE LINING		
CONMET CAST IRON FRONT BRAKE DRUMS		
FRONT BRAKE DUST SHIELDS	5	
FRONT OIL SEALS		
VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
STANDARD SPINDLE NUTS FOR ALL AXLES		
HALDEX AUTOMATIC FRONT SLACK ADJUSTERS WITH STAINLESS STEEL CLEVIS PINS		
STANDARD KING PIN BUSHINGS		
TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	90	
POWER STEERING PUMP		
4 QUART POWER STEERING RESERVOIR		
OIL/AIR POWER STEERING COOLER		
CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension		
20,000# FLAT LEAF FRONT SUSPENSION	50	
GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION		
FRONT SHOCK ABSORBERS		
Rear Axle and Equipment		
RT-46-160 46,000# R-SERIES TANDEM REAR AXLE		470
5.38 REAR AXLE RATIO		
IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	60	60
MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES		
DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES		30
(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD- REAR AND REAR-REAR AXLE VALVE		



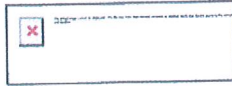
Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423



Description	Weight Front	Weight Rear
INDICATOR LIGHT AND BUZZER FOR EACH INTERAXLE LOCKOUT SWITCH		
INDICATOR LIGHT FOR EACH DRIVER CONTROLLED TRACTION DEVICE SWITCH		
MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
NON-ASBESTOS REAR BRAKE LINING		
BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)		
CONMET CAST IRON REAR BRAKE DRUMS		
REAR OIL SEALS		
WABCO TRISTOP D LONGSTROKE 2-DRIVE AXLE SPRING PARKING CHAMBERS		
HALDEX AUTOMATIC REAR SLACK ADJUSTERS		
CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE		
Rear Suspension		
TUFTRAC 46,000# REAR SPRING SUSPENSION		490
TUFTRAC STANDARD RIDE HEIGHT		
AXLE CLAMPING GROUP		
56 INCH AXLE SPACING		
FORE/AFT AND TRANSVERSE CONTROL RODS		
REAR SHOCK ABSORBERS - TWO AXLES (TANDEM)		40
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		
RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER		
WABCO OIL COALESCING FILTER FOR AIR DRYER		
AIR DRYER MOUNTED OUTBOARD ON LH RAIL		
STEEL AIR BRAKE RESERVOIRS MOUNTED INSIDE RAIL WITH NO OUTBOARD BRACKETS		
BW DV-2 AUTO DRAIN VALVE WITH HEATER TO WET TANK; DRAIN VALVE CABLES ON ALL OTHER TANKS		



Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423



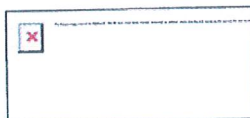
Description	Weight Front	Weight Rear
CAB BLOW OUT KIT WITH AIR HOSE AND NOZZLE INSIDE DRIVER CAB ENTRY DOOR	2	

Trailer Connections

PLUGGED AIR CONNECTIONS AT END OF FRAME
 PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION
 SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME
 SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME

Wheelbase & Frame

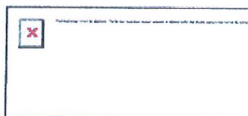
6800MM (268 INCH) WHEELBASE		
7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	800	60
1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT	265	452
3050MM (120 INCH) REAR FRAME OVERHANG FRAME OVERHANG RANGE: 111 INCH TO 120 INCH	-120	510
CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 204.41 in		
CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 201.41 in		
CALC'D FRAME LENGTH - OVERALL : 417.93		
FRAME HEIGHT TOP FRONT UNLADEN : 42.64 in		
FRAME HEIGHT TOP FRONT LADEN : 39.19 in		
FRAME HEIGHT TOP REAR UNLADEN : 43.88 in		
FRAME HEIGHT TOP REAR LADEN : 41.38 in		
CALCULATED FRAME SPACE LH SIDE : 104.36 in		
CALCULATED FRAME SPACE RH SIDE : 256.22 in		
CALC'D SPACE AVAILABLE FOR DECKPLATE : 204.69 in		
SQUARE END OF FRAME		
REAR TOW HOOKS		10
STANDARD WEIGHT ENGINE CROSSMEMBER		
STANDARD CROSSMEMBER BACK OF TRANSMISSION		
STANDARD MIDSHIP #1 CROSSMEMBER(S)		
STANDARD REARMOST CROSSMEMBER		



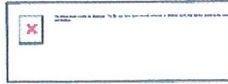
Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423



Description	Weight Front	Weight Rear
HEAVY DUTY SUSPENSION CROSSMEMBER		
STANDARD WEIGHT REAR SUSPENSION CROSSMEMBER		
Chassis Equipment		
14 INCH CHROMED STEEL BUMPER		
REMOVABLE FRONT TOW HOOKS STORED ON THE CHASSIS FRAME	25	
BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS		
GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
EXTERIOR HARNESSES WRAPPED IN ABRASION TAPE		
Fuel Tanks		
80 GALLON/302 LITER ALUMINUM FUEL TANK - LH	10	
25 INCH DIAMETER FUEL TANK(S)		
POLISHING OF FUEL/HYDRAULIC TANK(S) WITH POLISHED STAINLESS STEEL BANDS		
FUEL TANK(S) FORWARD		
POLISHED STEP FINISH		
CHROME FUEL TANK CAP(S)		
DAVCO 245 FUEL/WATER SEPARATOR WITH 12 VOLT HEAT AND WATER IN FUEL SENSOR	20	
EQUIFLO INBOARD FUEL SYSTEM		
HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires		
MICHELIN XZY-3 385/65R22.5 18 PLY RADIAL FRONT TIRES	130	
MICHELIN X MULTI D 11R22.5 14 PLY RADIAL REAR TIRES		192
Hubs		
CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
Wheels		
ALCOA LVL ONE 82462X 22.5X12.25 10-HUB PILOT 4.68 INSET 10-HAND ALUMINUM DISC FRONT WHEELS	-8	



Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423



Description	Weight Front	Weight Rear
ALCOA LVL ONE 88267X 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS POLISHED FRONT WHEELS; OUTSIDE ONLY POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY FRONT WHEEL MOUNTING NUTS REAR WHEEL MOUNTING NUTS NYLON WHEEL GUARDS FRONT AND REAR ALL INTERFACES		-200
Cab Exterior		
110 INCH BBC STEEL CONVENTIONAL CAB WESTERN STAR STAINLESS STEEL CAB SKIRT AIR CAB MOUNTS WITH CHECK VALVE STAINLESS STEEL SILL PLATES WITH RACEWAY	5	
NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE FRONT FENDERS 2 INCH FENDER EXTENSIONS	5	
LH AND RH EXTERIOR GRAB HANDLES WITH RUBBER INSERT AND LH AND RH INTERIOR GRAB HANDLES MOUNTED TO A POST STATIONARY BRIGHT FINISH GRILLE CHROME HOOD MOUNTED AIR INTAKE GRILLE GALVANEAELED STEEL SEVERE SERVICE CAB FIBERGLASS HOOD TUNNEL/FIREWALL LINER DUAL HADLEY SD-978 26 INCH RECTANGULAR AIR HORNS DUAL ELECTRIC HORNS DUAL HORN SHIELDS DOORS AND IGNITION KEYED THE SAME (3 KEYS) REAR LICENSE PLATE MOUNT END OF FRAME SWITCH, INDICATOR LIGHT AND WIRING FOR (2) CUSTOMER FURNISHED BEACONS SINGLE RECTANGULAR H4 HALOGEN HEADLIGHTS WITH BRIGHT BEZELS LED MARKER LAMPS HEADLIGHTS ON WITH WIPERS, WITH DAYTIME RUNNING LIGHTS INTEGRAL LED STOP/TAIL/BACKUP LIGHTS STANDARD FRONT TURN SIGNAL LAMPS		



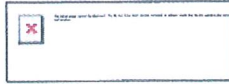
Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423



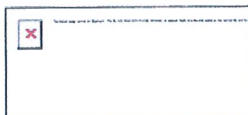
Description	Weight Front	Weight Rear
SWITCH, INDICATOR LIGHT AND APPROXIMATELY 10 FEET OF WIRE ON CHASSIS LH AT BACK OF CAB FOR CUSTOMER FURNISHED UTILITY LIGHT(S)		
DUAL AERO BRIGHT FINISH HEATED DUAL AXIS 1-PIECE MOTORIZED MIRRORS WITH LIGHTS, LH AND RH REMOTE AND INTEGRAL CONVEX MIRRORS	20	
CAB MOUNTED MIRRORS		
102 INCH EQUIPMENT WIDTH		
DUAL BRIGHT FINISH HEATED CONVEX MIRRORS WITH MANUAL ADJUSTMENT AND DUAL AXIS FOR 1-PIECE PRIMARY MIRRORS		
RH DOWN VIEW MIRROR		
STANDARD SIDE/REAR REFLECTORS		
ELECTRIC DOOR LOCKS, MECHANICAL KEY TUMBLER		
RH AFTERTREATMENT SYSTEM CAB ACCESS WITH POLISHED DIAMOND PLATE COVER		
STAINLESS STEEL EXTERIOR SUN VISOR	28	
17.5X35 INCH TINTED REAR WINDOW		
TINTED DOOR GLASS		
RH AND LH ELECTRIC POWERED WINDOWS	4	
2-PIECE ROPED-IN WINDSHIELD GASKET MOUNTED		
2 GALLON WINDSHIELD WASHER RESERVOIR WITH FLUID LEVEL INDICATOR, MOUNTED UNDER CAB, WITH REMOTE FILL		
WHITE WINTERFRONT	2	
Cab Interior		
SMOKY MOUNTAIN GRAY VINYL PREMIUM INTERIOR		
BLACK HARD TRIM		
BASE LEFT HAND DOOR TRIM		
BASE RIGHT HAND DOOR TRIM		
BLACK MATS WITH DOUBLE INSULATION		
ASH CUP AND LIGHTER		
FORWARD ROOF MOUNTED CONSOLE		
14"X7.75" DOCUMENT POUCH MOUNTED ON BACK WALL BETWEEN SEATS		
LH AND RH DOOR MAP POCKETS		
(2) COAT HOOKS ON BACKWALL OF CAB		
(1) DOUBLE CUP HOLDER WITH CELL PHONE HOLDER LH OR RH DASH		



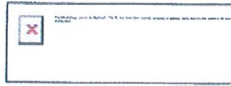
Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423



Description	Weight Front	Weight Rear
TWO-TONE CHARCOAL UPPER/COOL GRAY LOWER SOFT TOUCH WING DASH WITH BLACK DRIVER SIDE COSMETIC UNDER DASH COVER		
5 LB. FIRE EXTINGUISHER	10	
HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT TEMPERATURE CONTROL AND COSMETIC COVER		
HVAC DUCTING WITH FOAM MAIN FRESH AIR FILTER		
MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
STANDARD HEATER PLUMBING WITH BALL SHUTOFF VALVES		
VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR		
RADIATOR MOUNTED AIR CONDITIONER CONDENSER		
BINARY CONTROL, R-134A		
ADDITIONAL CAB SIDEWALL INSULATION	60	10
AUTOMATIC SELF-RESET CIRCUIT BREAKERS/FUSES IN DASH POWER DISTRIBUTION BOXES AND FUSES IN AUXILIARY POWER DISTRIBUTION BOXES		
DOOR ACTIVATED DOME LIGHT, UNDER DASH LIGHT AND LH AND RH DOOR MOUNTED COURTESY LIGHTS		
LH AND RH ELECTRIC DOOR LOCKS		
(1) 12 VOLT POWER SUPPLY AND (2) USB PORTS MOUNTED IN DASH		
TRIANGULAR REFLECTORS KIT WITHOUT FLARES SHIPPED LOOSE IN CAB	10	
BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT		
BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT		
INBOARD DRIVER SEAT ARMREST, NO PASSENGER SEAT ARMREST	2	
BLACK MORDURA CLOTH DRIVER SEAT COVER		
BLACK MORDURA CLOTH PASSENGER SEAT COVER		
3 POINT HIGH VISIBILITY ORANGE RETRACTOR DRIVER AND PASSENGER SEAT BELTS		
ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN		



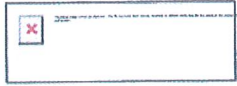
Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423



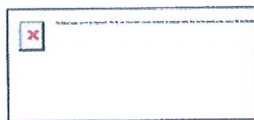
Description	Weight Front	Weight Rear
4-SPOKE 18 INCH (450MM) LEATHER WRAPPED STEERING WHEEL WITH SWITCHES		
DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Controls		
NON-ADJUSTABLE SUSPENDED PEDALS		
ELECTRONIC ACCELERATOR CONTROL		
ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK		
BRIGHT ARGENT FINISH GAUGE BEZELS		
BLACK VINYL DRIVER INSTRUMENT PANEL		
BLACK VINYL CENTER INSTRUMENT PANEL		
LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
FILTERMINDER DASH MOUNTED AIR RESTRICTION GAUGE	2	
87 DB TO 112 DB SELF-ADJUSTING BACKUP ALARM		3
ELECTRONIC CRUISE CONTROL WITH CONTROLS ON STEERING WHEEL SPOKES		
KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
MANUAL REMOTE ENGINE START/STOP WITH IGNITION INT WITH HOOD TILT SWITCH PREWIRE WITH CONNECTIONS AT CUSTOMER INTERFACE CONNECTION		
ICU4ME DRIVER MESSAGE CENTER WITH GRAPHICAL DISPLAY, BLACK FACE GAUGES, DIAGNOSTICS AND DATA LINKED		
HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
2 INCH ELECTRIC FUEL GAUGE		
ENGINE REMOTE INTERFACE FOR REMOTE THROTTLE		
CUSTOMER INTERFACE CONNECTOR LOCATED BETWEEN SEATS WITH BLUNTCUTS		
2 PREWIRED HIGH POWER BATTERY CIRCUITS (30A MAX) WIRED TO CIC		
ENGINE REMOTE INTERFACE CONNECTOR AT POWERTRAIN INTERFACE CONNECTOR		
ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		



Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423



Description	Weight Front	Weight Rear
2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
ELECTRONIC OUTSIDE TEMPERATURE SENSOR DISPLAY IN DRIVER MESSAGE CENTER		
(1) DASH MOUNTED PTO SWITCH WITH INDICATOR LAMP - PARK BRAKE INTERLOCK FOR CUSTOMER INSTALLED PTO	10	
ELECTRIC ENGINE OIL PRESSURE GAUGE		
TOP OF DASH NAVIGATION PREP WITH POWER AND GROUND		
AM/FM/WB WORLD TUNER RADIO WITH SIRIUSXM, CD PLAYER, BLUETOOTH, IPOD INTERFACE AND USB AND AUXILIARY INPUTS, J1939	10	
ROOF/OVERHEAD CONSOLE MOUNTED RADIO		
(4) RADIO SPEAKERS IN CAB		
POWER AND GROUND WIRING FOR CB RADIO IN OVERHEAD CONSOLE		
ROOF/OVERHEAD CONSOLE CB RADIO PROVISION		
MULTI-BAND AM/FM/WB/CB DUAL MIRROR MOUNTED ANTENNA SYSTEM	4	
INTEROPERABLE SDAR ANTENNA		
ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITH ODOMETER		
STANDARD VEHICLE SPEED SENSOR		
ELECTRONIC 3000 RPM TACHOMETER		
NO VEHICLE PERFORMANCE MONITOR	-5	
TELEMATICS PREWIRE WITH POWER, GROUND AND J1939 AT CUSTOMER INTERFACE CONNECTOR		
REMOTE ENGINE STOP WIRED TO CUSTOMER INTERFACE CONNECTOR		
TWO EXTRA SWITCHES IN DASH		
HARDWIRE SWITCH #1, ON/OFF LATCHING, 30 AMPS IGNITION WIRED TO CUSTOMER INTERFACE CONNECTOR		
DATA CODE 4C1-028, HARDWIRE SWITCH #1, ON/OFF LATCHING, 30 AMPS BATTERY WIRED TO CIC		
HARDWIRE SWITCH #2, ON/OFF LATCHING, 30 AMPS IGNITION WIRED TO CUSTOMER INTERFACE CONNECTOR		
DATA CODE 4C2-028, HARDWIRE SWITCH #2, ON/OFF LATCHING, 30 AMPS BATTERY WIRED TO CIC		
BW TRACTOR PROTECTION VALVE		
TRAILER HAND CONTROL BRAKE VALVE		



Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423



Description	Weight Front	Weight Rear
DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
CAB/TRAILER MARKER LIGHT SWITCH WITH SEPARATE HEADLIGHT SWITCH WITH HEADLIGHT/MARKER LIGHT INTERRUPTER SWITCHES ON STEERING WHEEL		
TWO VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR		
SELF CANCELING TURN SIGNAL SWITCH, HEADLAMP HIGH/LOW AND FLASH, WASH/WIPE/INTERMITTENT		
PACIFIC INSIGHT ELECTRONIC FLASHER		

Design

PAINT: ONE SOLID COLOR

Color

CAB COLOR A: L0006EY WHITE ELITE EY
 CAB INTERIOR PAINTED SAME AS CAB COLOR
 BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT

Certification / Compliance

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

Secondary Factory Options

DEALER HAS BEEN ADVISED OF AND ACCEPTED RESPONSIBILITY FOR MODIFICATIONS DUE TO POSSIBLE PTO/CHASSIS INTERFERENCE

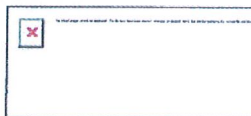
Raw Performance Data

CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 201.41 in
 CALC'D SPACE AVAILABLE FOR DECKPLATE : 204.69 in

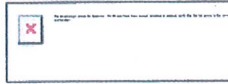
TOTAL VEHICLE SUMMARY

Weight Summary

Weight	Weight	Total
--------	--------	-------



Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423



	Front	Rear	Weight
Factory Weight*	9769 lbs	8512 lbs	18281 lbs
Dealer Installed Options	0 lbs	0 lbs	0 lbs
Total Weight*	9769 lbs	8512 lbs	18281 lbs

Dealer Installed Options

	Weight Front	Weight Rear
17'6" J-CRAFT DUMP BODY PER SPEC	0	0
Total Dealer Installed Options	0 lbs	0 lbs

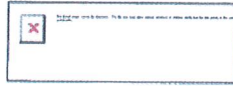
(+) Weights shown are estimates only.

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.



Prepared for:
 DALE PHIPPS
 Fond Du Lac
 1720 BIG LAKE RD
 CLOQUET, MN 55720
 Phone: 218-269-9423



QUOTATION

WESTERN STAR 4700 SET-BACK FRONT AXLE CHASSIS

SET BACK AXLE - TRUCK CUM L9 370 HP @ 2000 RPM, 2100 GOV RPM, 1250 LB/FT @ 1400 RPM ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION RT-46-160 46,000# R-SERIES TANDEM REAR AXLE TUFTRAC 46,000# REAR SPRING SUSPENSION DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	20,000# FLAT LEAF FRONT SUSPENSION 110 INCH BBC STEEL CONVENTIONAL CAB 6800MM (268 INCH) WHEELBASE 7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI 3050MM (120 INCH) REAR FRAME OVERHANG 1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT
--	---

		PER UNIT		TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (1)	\$	116,243	\$ 116,243
EXTENDED WARRANTY		\$	0	\$ 0
DEALER INSTALLED OPTIONS		\$	29,791	\$ 29,791
CUSTOMER PRICE BEFORE TAX		\$	146,034	\$ 146,034

TAXES AND FEES

TAXES AND FEES	\$	0	\$	0
OTHER CHARGES	\$	0	\$	0

TRADE-IN

TRADE-IN ALLOWANCE	\$	(0)	\$	(0)
--------------------	----	-----	----	-----

BALANCE DUE		(LOCAL CURRENCY) \$	146,034	\$ 146,034
--------------------	--	----------------------------	----------------	-------------------

COMMENTS:

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

APPROVAL:

Please indicate your acceptance of this quotation by signing below:

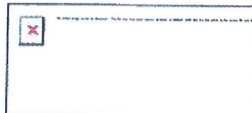
Customer: X _____ Date: ___ / ___ / ___.

Daimler Truck Financial

Financing that works for you.

See your local dealer for a competitive quote from Daimler Truck Financial, or contact us at Information@dtffoffers.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:
DALE PHIPPS
Fond Du Lac
1720 BIG LAKE RD
CLOQUET, MN 55720
Phone: 218-269-9423

