

APPENDIX D-4
Idaho Beneficiary Eligible Mitigation Action Certification

BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

Beneficiary: State of Idaho

Lead Agency Authorized to Act on Behalf of the Beneficiary: Idaho Department of Environmental Quality (DEQ) *(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:	FY2017 DERA
Beneficiary's Project ID	2018-01
Funding Request No.	01
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 Type	<input type="checkbox"/> Appendix D-2 item (specify)
	<input checked="" type="checkbox"/> Item 10 – DERA Option (5.2.12) (specify and attach DERA proposal)
Explanation of how funding request fits into Beneficiary's Mitigation Plan (5.2.1):	
As described in Section 4.4 of Idaho's Beneficiary Mitigation Plan, Idaho will use trust funds as Idaho's nonfederal voluntary match for DERA grants.	
Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):	
<p>The projects funded under the FY2017 DERA workplan target various areas in Idaho that are currently designated as non-attainment for PM2.5 (Franklin and Shoshone Counties) in addition to areas that DEQ has identified as areas of concern (i.e., areas that have concentration near the NAAQS), including Ada, Canyon, and Lemhi counties. The WSVNAA, located in Shoshone County, was designated as nonattainment for the 2012 annual PM2.5 NAAQS on December 4, 2014. This area also includes the Coeur d'Alene Basin Superfund Site. A portion of Franklin County, Logan UT/ID NAA, was designated as nonattainment for the 2006 24-hour PM2.5 NAAQS in 2009. Ada County has been identified by EPA as an area where the population is exposed to more than 2.0 µg/m³ of diesel PM2.5 emissions. DEQ has identified Lemhi County as an area of concern for PM2.5. The selected retrofit technologies will reduce particulate matter emissions and ozone precursor emissions in these regions of poor air quality. While projects will predominantly be completed in these counties, DEQ will consider projects statewide as vehicles fleets are identified.</p>	

These projects will target construction equipment located in Shoshone County, as well as the Coeur d'Alene Basin Superfund Site as well as on-road and non-road city and county equipment, private business and agricultural equipment, as well as school buses located within Ada, Bonner, Canyon, Franklin, Lemhi, and Shoshone counties. Projects will include installing retrofit technologies and replacing 2 school buses.

Estimate of Anticipated NOx Reductions (5.2.3):

The proposed installation of retrofit devices as well as 2 vehicle replacements will reduce diesel engine emissions of nitrogen oxides, particulate matter, carbon monoxide, hydrocarbons, and carbon dioxide.

Based on EPA verified emission reduction estimation methods, these projects will reduce pollution of nitrogen oxides by 5.17 tons over the lifetime of the vehicles serviced. In addition, these projects will reduce particulate matter (PM2.5) by 5.19 tons, hydrocarbons by 5.96 tons, carbon monoxide by 27.28 tons, and carbon dioxide by 132.1 tons over the lifetime of the vehicles serviced.

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):

The Idaho Department of Environmental Quality, Air Quality Division

Describe how the Beneficiary will make documentation publicly available (5.2.7.2).

As stated in Paragraph 7 of Idaho's Appendix D-3 filing:

(i) Information obtained by the Beneficiary is subject to public disclosure pursuant to the provisions of Idaho's Public Records Act, Chapter 1, Title 74, Idaho Code, and IDAPA 58.01.21, Rules Governing the Protection and Disclosure of Records in the Possession of the Idaho Department of Environmental Quality.

(ii) The Beneficiary will solicit public input utilizing an established website that stakeholders may subscribe to and receive automatic updates when new information is posted. The website contains a prominently displayed Form for public stakeholders to submit project ideas/proposals and/or comments that are then e-mailed directly to the VW Settlement Project Manager. The Beneficiary will also host Stakeholder Meetings throughout the State to solicit public input.

The stated purpose of receiving Stakeholder input is for the Beneficiary to review and prioritize project proposals that fall within the Eligible Mitigation Actions under Appendix D-2 and ultimately incorporate these priorities into the Beneficiary Mitigation Plan. The Beneficiary intends to continually employ these public input mechanisms throughout the duration of the Environmental Mitigation Trust.

(iii) In accordance with Sections 74-101 through 74-119, Idaho Code, and IDAPA 58.01.21, Rules Governing the Protection and Disclosure of Records in the Possession of the Idaho Department of Environmental Quality, any information submitted to the Beneficiary may be claimed as confidential by the submitter. It shall be the responsibility of the submitter to give notice of the existence of a claim of confidentiality on each page or other portion of information at the time of submittal, and such person shall have the burden of demonstrating that the information is confidential and exempt from disclosure under Idaho law.

Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8).

See attached FY2017 DERA program description and work plan.

Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).

Idaho DEQ e-mailed Trust related documentation to recipients specified in subparagraph 4.2.8 on February 13, 2018.

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).

Not Applicable

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.]**

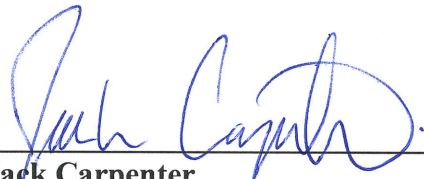
CERTIFICATIONS

1. **By submitting this application, the Lead Agency makes the following certifications:**
2. **This application is submitted on behalf of Beneficiary State of Idaho 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.**

3. **Beneficiary requests and directs that the Trustee make the payments described in this application and Attachment A to this Form.**
4. **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.**
5. **Any vendors were or will be selected in accordance with a jurisdiction's public contracting law as applicable. (5.2.5)**
6. **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:

3/5/19



Jack Carpenter
Financial Officer

**Idaho Department of Environmental
Quality
[LEAD AGENCY]**

for

**State of Idaho
[BENEFICIARY]**

ATTACHMENT B

Eligible Mitigation Action Plan including Detailed Budget and Implementation and Expenditures Timeline (5.2.4)

This funding request will provide advance funds to the Idaho Department of Environmental Quality (DEQ), enabling the DEQ to provide funding for recipients of Idaho’s Diesel Emission Reduction Program (DERP), funded through the U.S. EPA’s FY2017 State Clean Diesel Program. The actions funded under this program are consistent with Eligible Mitigation Action 10 (DERA Option) of the State Trust Agreement, and with the Idaho DEQ’s Beneficiary Mitigation Plan, which allocates up to 15% of available funds to DERA projects.

DEQ has elected to fund DERA projects to DERP participants using either federal funds or voluntary state matching funds obtained through the Volkswagen Environmental Mitigation Trust for State Beneficiaries. The projects described here-in are those DERA projects being funded by federal grant and state matching funds from the VW Trust.

PROJECT BUDGET OVERVIEW

FY 2017			
Budget Category	EPA Allocation	Voluntary Match (if applicable)	Mandatory Cost-Share (if applicable)
1. Personnel	\$49,165	\$0	\$0
2. Fringe Benefits	\$21,632	\$0	\$0
3. Travel	\$2,600	\$0	\$0
4. Supplies	\$0	\$0	\$0
5. Equipment	\$0	\$0	\$0
6. Contractual	\$243,649	\$227,076	\$150,000
7. Program Income	\$0	\$0	\$0
8. Other	\$0	\$0	\$0
9. Total Direct Charges	\$317,046	\$227,076	\$150,000
10. Indirect Charges	\$23,568	\$0	\$0
Grand Total	\$340,614	\$227,076	\$150,000

ANTICIPATED EMISSION REDUCTIONS

Phase 10 Outputs and Outcomes		
<i>Activities</i>	<i>Outputs</i>	<i>Outcomes</i>
Replace 2 school buses, retrofit 10 school buses, 8 construction vehicles, 8 city/county vehicles, 3 private business owner vehicles, and 1 private agricultural vehicle	Number of technologies installed = 10 DOCs, 10 CCVs, 10 FOHs, and 20 DPFs 2 New School Buses	Lifetime Emission Reductions
		5.17 tons of NO _x
		5.19 tons of PM
		5.96 tons of HC
		27.28 tons of CO
	132.11 tons of CO ₂	
Retrofit 10 school buses with anti-idling technology	Total Number of hours idling reduced=2,700 hrs./yr	Annual gallons of diesel fuel saved = 744 gal/yr

ESTIMATED COST OF EMISSION REDUCTIONS

Pollutant	NO _x	PM	HC	CO	CO ₂
Lifetime Total Cost Effectiveness	\$109,858/ton	\$109,858/ton	\$95,279/ton	\$20,823/ton	\$4,300/ton

As part of this DERA D4, DEQ is requesting \$227,076 for the DERP Contractual Budget Category; activities in this category include the following:

Budget Category	FY 2017	
	EPA	State or Recipient Match (if applicable)
<ul style="list-style-type: none"> • Purchase & install 10 anti-idling heaters @ approximately \$3,018/bus; • 2 Scholastic Heater Diagnostic Equipment @ approximately \$175.50/School District; • 10 Diesel Oxidation Catalysts (DOC) and Closed Crankcase Ventilation (CCV) systems @ approximately \$5,855.41/bus; • 2 CCV related manometers @ approximately \$320/school district; • 2 school buses covering 25% of bus replacement at approximately \$100,000/bus; • 2 DPFs @ approximately \$20,000/vehicle; • 11 DPFs @ approximately \$15,000/vehicle; • 7 DPFs @ approximately \$18,000/vehicle 	\$243,649	\$227,076 (Voluntary Match) \$150,000 (Bus Recipient Match)

PROJECT SCHEDULE AND MILESTONES

<i>Milestones</i>	<i>Date</i>
DEQ received award for FY17 State Clean Diesel Program Grant	10/1/2017
Complete outreach and recruitment	10/1/2017 – 09/30/2019
Procurement and installation of emission reduction retrofit and associated equipment and two replacements	Through 09/30/2019
Request VW Settlement from Trust to be used as Voluntary Match (\$227,076)	03/01/2019
Trustee allocates shares of state funds for approved project	04/01/2019
Lead agency reports to trustee within 6-months after receiving disbursement, according to reporting requirements within Section 5.3 of the Environmental Mitigation Trust, and/or upon grant close-out.	10/01/2019
Inspection of technology installation	Through 10/30/2019.
Process payments from EPA and Settlement funds to contractors for completed DERA related work.	Through 10/30/2019
Final Reports and Grant Close-Out	Quarterly, submit final 90 days after Sept. 30, 2019

ATTACHMENT C

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

The DEQ will provide detailed reporting on this funding request under the DERA option in three ways:

1. Timely updates to the DEQ's Volkswagen Diesel Settlement website.
2. Quarterly Reports submitted to the Environmental Protection Agency on the FY 17 Clean Diesel State Grant, and
3. Semi-annual reporting to the Trustee as required by subparagraph 5.3 of the Environmental Mitigation Trust for State Beneficiaries.

DEQ Website

The Idaho Department of Environmental Quality maintains a website describing the DEQs activities associated with the Volkswagen Diesel Emissions Environmental Mitigation Trust for State Beneficiaries. The website may be found here: <http://www.deq.idaho.gov/vw-settlement>. Information associated with DEQ's VW programs, applications and application guides, as well as a description of the VW Beneficiary Mitigation Plan, and community outreach activities. Copies of funding applications will be posted here, as well as award decisions. This website will also be used to track the status, progress, and results for projects under this funding category.

All application material, reimbursement requests, and required documentation submitted by applicants and funding recipients for the DEQ's DERA program are archived in the DEQ Enterprise Content Management System and are available to the public through the State Online Public Records Request, which may be accessed through the DEQ online form (<http://www.deq.idaho.gov/contact-us/public-records-request/online-prr-request-form/>).

DERA Quarterly Reports

DEQ has and will continue to submit quarterly report to the EPA on the progress of projects under the 2017 Clean Diesel State Grant (DERA). These reports include technical details of the individual diesel emission reduction projects (vehicles and equipment being replaced as well as the replacement vehicles and equipment), estimates of emissions reductions, project progress and timelines, and financial reporting.

Semi-Annual Reports to the Trustee

As required by subparagraph 5.3 of the Environmental Mitigation Trust Agreement for State Beneficiaries, DEQ will submit a report to the Trustee within 6 months of the first disbursement and thereafter no later than January 30 and July 30 for the preceding 6-month periods. These reports will describe the progress implementing this and any other Eligible Mitigation Action ongoing during the reporting period. These reports will include a summary of all costs expended and a complete description of the status (including the actual or projected termination date), development, implementation, and any modification of the Eligible Mitigation Action. Reports covering the DERA program actions described in this funding request will include the quarterly reports to EPA described above. These semi-annual reports to the Trustee will be posted on the DEQ website for public access.

ATTACHMENT D

Detailed cost estimate from selected or potential vendors for each proposed expenditure exceeding \$25,000

- DERA Retrofits associated with the 2017 Clean Diesel State Grant will each be, individually, less than \$25,000. For the purpose of transparency, attached is the bid-schedule for the DEQ's DERP contract associated with the FY2017 DERA Clean Diesel State Grant. While the entire bid-schedule is included for completeness, contractor-specific contact information and competitive pricing information has been redacted.
- Quote for two new school buses. The DEQ's DERP program will provide 25% rebate on the cost of new school buses. The estimates provided are \$111,317.15 and \$91,625, respectively; these are representative examples of the types of school buses expected to be purchased by school districts under the DEQ's DERP. Bus rebates may represent Trust expenditure greater than or less than \$25,000, depending on the actual cost of the bus purchased.

Attachment 3 – Bid Schedule

1. Average Maximum Fully Burdened Cost

- a. The first section of the Bid Schedule requires responses for the Maximum Installation Cost of a specific retrofit technology by Vehicle Category and Area. The Bidder should devise these costs to include all associated costs from pre-assessment of a vehicle through the completed installation of the retrofit technology within that vehicle category. These costs include, but are not limited to: travel, per-diem, labor (salaries), meetings, sales and marketing strategies, pre-assessment, equipment, and consumables. These costs will be “Unit” costs.
- b. The second section of the Bid Schedule requires responses for the Training Cost associated with a specific retrofit technology by Area. These costs will be “Hourly” costs.
- c. The third section of the Bid Schedule requires responses to the Bidder’s Custom Installation Rate by retrofit technology. The costs will be “Hourly” costs.

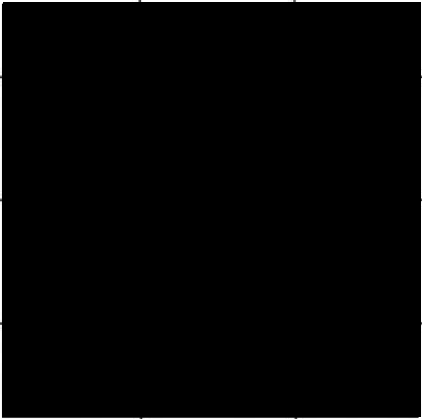
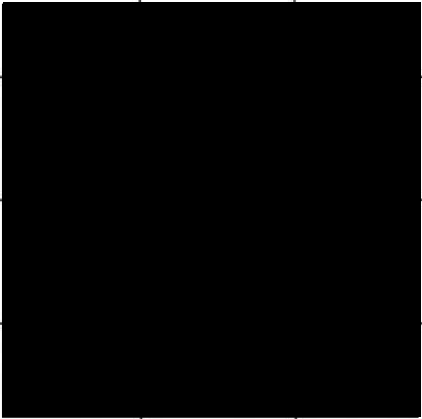
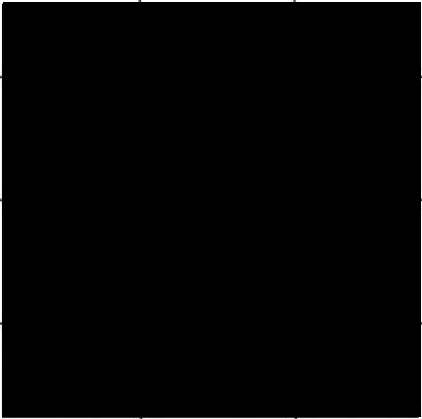
Bidder (Company Name):	North State Truck Equipment Inc DBA Diesel Emissions Service
Contact Name & Phone Number:	Steve Hoke 1-888-792-2922 or cell 530-524-5361
Contact E-mail:	steveh@des.direct

Vehicle Category	Retrofit Technology	Unit of Measure	Maximum Installation Cost		
			Area A	Area B	Area C
On-Road Class 8 Truck (Tractor Trailer, Etc.)	DOC	Each	4,189	3,980	4,422
	DOC/CCV	Combination	6,410	6,090	6,766
	FOH	Each	5,437	5,166	5,740
	DOC/CCV/FOH	Combination	11,795	11,206	12,451
	DPF	Each	22,821	21,680	24,088
On-Road Class 5-7 Heavy Duty Truck (Dumper, Tender, Snowplow, Water, Cement, Etc.)	DOC	Each	4,189	3,980	4,422
	DOC/CCV	Combination	6,410	6,090	6,766
	FOH	Each	5,437	5,166	5,740
	DOC/CCV/FOH	Combination	11,797	11,206	12,451
	DPF	Each	24,852	23,610	26,233
Bus (School, City, Etc.)	DOC	Each	4,189	3,980	4,422
	CCV*	Each	2,326	2,210	2,455
	DOC/CCV	Combination	6,410	6,090	6,766

	FOH	Each	5,436	5,166	5,740
	DOC/CCV/FOH	Combination	11,795	11,206	12,451
	DPF	Each	19,357	18,390	20,433
Non-Road Vehicles Used For Construction (Crawler Tractor, Loader, Backhoe, Excavator, Off-Highway Trucks, Etc.)					
	DPF	Each	24,852	23,610	26,233
Non-Road Vehicles Used For Agriculture					
	DPF	Each	17,715	16,830	18,700
Non-Road Vehicles Used For Mining					
	DPF	Each	23,115	21,960	24,400
"Mini" Equipment (Skidsteer, Mini-Loader, Mini-Excavator, Forklift, Etc.)					
	DPF	Each	17,715	16,830	18,700
Paving Equipment (Grader, Asphalt Grinder, Vibrating Compactor, Paver, Roller, Etc.)					
	DOC (4-cycle, constant speed engines, non-road and stationary applications)	Each	13,315	12,650	14,055
	DPF	Each	23,115	21,960	24,400
Average Maximum Installation Cost by Area (summation of area installation costs Divided by Twenty-Two)			Area A	Area B	Area C

	Retrofit Technology	Unit of Measure	Fully Burdened Cost		
			Area A	Area B	Area C
Training	DOC	Hourly			
	CCV*	Hourly			
	DOC/CCV	Hourly			
	FOH	Hourly			
	DOC/CCV/FOH	Hourly			
	DPF	Hourly			
Average Training Cost by Area (summation of area training costs Divided by Six)			Area A	Area B	Area C
Average Maximum FULLY BURDENED Cost by Area (summation of Average Maximum Installation Cost and Average Training Cost by Area)			Area A	Area B	Area C
Average Maximum FULLY BURDENED Cost (summation of all three Average Maximum Fully Burdened Cost by Area Divided by Three)					

*See Note Regarding CCV-Only Installations allowed under this program. Reference "CCV UNIT SPECIFICATIONS" under **ATTACHMENT 2 – RETROFIT SPECIFICATIONS AND PROJECT REQUIREMENTS** of this ITB.

	Retrofit Technology	Unit of Measure	Fully Burdened Cost		
			Area A	Area B	Area C
Custom Installation Rate	DOC	Hourly			
	DOC/CCV	Hourly			
	DOC/CCV/FOH	Hourly			
	DPF	Hourly			



BRYSON

Quote #

FE18022AP

Contract #102115-BBB

Preston Joint School District #201

120 East 200 South

Preston, ID 83263

Kevin Seamons

Bryson Sales & Service Inc.

1022 West 950 North
Centerville, Utah 84014
Phone 801-295-1875 FAX 801-298-4750

"WE SERVICE WHAT WE SELL"
Since 1969



Quote Date: 12/19/18	Expected Delivery Date: 150-180 Days ARO	Customer Required Delivery Date:	T3 FRONT ENGINE
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2017 NJPA CONTRACT QUOTE PRICE

OPTION NO.

QTY	CATEGORY	MAKE	MODEL	WHEELBASE	CAPACITY	PRICE	EXTENDED
1		Blue Bird	T3FE	232	84	\$ 93,700.00	\$ 93,700

REQUIRED AND AVAILABLE ADDITIONAL OPTIONS OR (CREDITS)

QTY	CATEGORY	DESCRIPTION	PRICE	EXTENDED
1	INCL	T3FE 4004 Body W/ 232 Inch Wheelbase		
		Seated For	84	
BODY SPECIFICATIONS				
1	OPTION	0016100 EMERGENCY EQUIPMENT COMPARTMENT FRONT BULKHEAD	\$ 213	\$ 213
1	OPTION	0018605 DBL LUG. RH BETWEEN WHEELS 28.4 CU FT 20.75"H X 23.625"D X 100.00"L	\$ 1,344	\$ 1,344
1	OPTION	0018606 DBL LUG. LH BETWEEN WHEELS 28.4 CU FT 20.75"H X 23.625"D X 100.00"L	\$ 1,344	\$ 1,344
1	INCL	0019802 KEY LOCK	\$ -	\$ -
1	OPTION	0021902 SLIDING BOLT VANDAL LOCK REAR EMERGENCY DOOR	\$ 63	\$ 63
1	INCL	0025200 STEPWELL PROTECTION SKID PLATE	\$ -	\$ -
1	INCL	0037401 RETAINER REAR EMERGENCY DOOR	\$ -	\$ -
1	OPTION	0050506 FUEL TANK DOOR SPRING LOADED	\$ -	\$ -
1	INCL	0058200 FLAPS FRONT FULL LENGTH	\$ -	\$ -
1	INCL	0058600 FLAPS REAR WITH BB LOGO	\$ -	\$ -
1	OPTION	0060000 FENDERS REAR RUBBER	\$ 169	\$ 169
1	OPTION	0060500 FENDERS FRONT RUBBER	\$ 156	\$ 156
1	INCL	0066101 FIRE EXTINGUISHER, 5 LB. DRY WITH HOSE (DRIVERS CPT)	\$ -	\$ -
1	INCL	0075400 TRIANGULAR WARNING DEVICE FLOOR	\$ -	\$ -
1	INCL	0098400 PLYWOOD FLOOR SCREWED DOWN	\$ -	\$ -
	OPTION	0098909 PLYWOOD FLOOR 5/8" AB MARINE GRADE, 3809 & 3904	\$ 300	\$ -
1	INCL	0101400 FLOOR TRIM GALVANIZED STEEL	\$ -	\$ -
1	INCL	0102606 WEAR PLATE ENTRANCE DOOR TOP LANDING RUBBER WHITE NOSE	\$ -	\$ -
1	OPTION	0135002 ENTRANCE STEP DE-ICER LOWER & SECOND	\$ 413	\$ 413
1	OPTION	0150500 LETTERING, I-1 CAPACITY (NO.) PASSENGERS	\$ 16	\$ 16
1	INCL	0150600 SOUND DEADENING SPRAY COAT 1/16 THK	\$ -	\$ -
1	OPTION	0150702 ACOUSTIC HEADLINING, FULL LENGTH	\$ 744	\$ 744
1	INCL	0156100 EMERGENCY DOOR ARROWS	\$ -	\$ -
1	INCL	0192202 DAYTIME RUNNING LIGHTS	\$ -	\$ -
1	INCL	0223000 DOOR SWITCH STEPWELL LIGHT	\$ -	\$ -
1	INCL	0232400 EXTERIOR SOLID NSBY	\$ -	\$ -
1	INCL	0232518 LOGO, BIRD ONLY, BLACK, VINYL	\$ -	\$ -
1	OPTION	0233003 PAINT, BRIGHT WHITE ROOF, 12.5"	\$ -	\$ -
1	INCL	0244914 GALVALUME I/S PANELS, FULL HEM TEXTURIZED, 4004	\$ -	\$ -
1	INCL	0267900 EXTEND WINDOW RAIL	\$ -	\$ -
1	INCL	0268300 EXTEND SEAT RAIL	\$ -	\$ -
Seats				
26	INCL	0278304 SEAT 39 NON S/BELT HIGH BACK	\$ -	\$ -
2	INCL	0278305 SEAT 39 NON S/BELT HBK REAR	\$ -	\$ -
1	INCL	0283614 SEAT BELT, DRV, 3 PT SINGLE, RETRACT, BLACK	\$ -	\$ -

28	INCL	0695500	1/2" PLYWOOD BASE 5 BLY	\$	-	\$	-
1	OPTION	3078409	PANEL MODESTY BARRIER ENTRANCE DOOR	\$	-	\$	-
1	OPTION	3078443	PANEL MODESTY BARRIER BEHIND DRIVER	\$	29	\$	29
1	OPTION	3079607	DRIVER SEAT, NATIONAL AIR DUAL SHOCK MORD CHOCO FABRIC	\$	-	\$	-
1	OPTION	3079701	ARMREST RH DRIVER SEAT NATIONAL	\$	40	\$	40
1	INCL	3081502	CUTTER SEAT BELT TIE-TECH	\$	-	\$	-
2	INCL	3082009	BARRIER 39" HIGH BACK	\$	-	\$	-
28	INCL	3083405	PAD CUSHION SEAT REBOUND	\$	-	\$	-
28	OPTION	3085745	UPH FIRE BLOCK BROWN PASS	\$	-	\$	-
2	OPTION	3085752	UPH FIRE BLOCK BROWN BARRIER	\$	-	\$	-

1	INCL	0311805	INSULATION STEPWELL NR 3	\$	-	\$	-
1	INCL	0318301	VISOR, ACRYLIC, LEFT SIDE ADJUSTABLE	\$	-	\$	-
1	OPTION	0318305	VISOR, ACRYLIC, DRIVER'S WINDOW, ADJUSTABLE	\$	33	\$	33
1	INCL	0331501	2 PC CURVED TINTED WINDSHIELD	\$	-	\$	-
1	INCL	STANDARD	ELEC INTERMITTENT WINDSHIELD WIPERS SGL SW	\$	-	\$	-
1	INCL	0347114	77" HEADROOM 4004	\$	-	\$	-
1	OPTION	0626601	UNCERCOAT, MODIFIED WAX, PREMIUM	\$	413	\$	413
1	INCL	0674500	COVER REAR EMERGENCY DOOR HANDLE	\$	-	\$	-
1	INCL	3000100	ACCESSORY POWER SOCKET W/CAP	\$	-	\$	-
1	OPTION	3002602	FAN AUXILIARY UPPER LEFT 6" IN LIEU OF RIGHT	\$	-	\$	-
1	INCL	3002603	FAN AUXILIARY UPPER CENTER 6"	\$	-	\$	-
2	INCL	3002901	WIRING VENT ROOF HATCH BUZZER	\$	-	\$	-
2	OPTION	3003011	VENT HATCH SPECIALTY PROLO	\$	75	\$	150
1	INCL	3005617	HOSE HEATER BLACK RUBBER WITH STANDARD CLAMPS	\$	-	\$	-
1	INCL	3005702	SWITCH NOISE SUPPRESSION LATCHING	\$	-	\$	-

Heaters

	INCL	3006001	HEATER 12K, DRIVERS	\$	-	\$	-
1	INCL	3006019	HEATER 80K LH FRONT F/M, ILO 50K	\$	-	\$	-
1	INCL	3006021	HEATER 80K LH REAR F/M, ILO 50K	\$	-	\$	-
1	OPTION	3006027	HEATER 80K RH REAR F/M ADDITIONAL	\$	825	\$	825

Lights

1	INCL	3010215	CLEARANCE/MARKER, LED, 2 AMBER FRONT 2 RED REAR	\$	-	\$	-
1	INCL	3010310	ID GROMMET MOUNT, LED, 3 AMBER FRONT CAP 3 RED REAR CAP	\$	-	\$	-
1	INCL	3010510	INTERMEDIATE MARKER LED, 2 AMBER ROOF MTD. EACH SIDE AT/NEAR MIDPOINT	\$	-	\$	-
1	INCL	3011605	LIGHTS DIRECTIONAL 7" REAR AMBER LED	\$	-	\$	-
1	INCL	3011721	LIGHT DIR SIDE 3" LED FRONT	\$	-	\$	-
1	INCL	3012003	LIGHTS DIRECTIONAL 4" FRONT AMBER LED	\$	-	\$	-
1	INCL	3012103	WIRING DIR SIDE FRONT BELTLINE	\$	-	\$	-
1	OPTION	3015105	LIGHTS DOME 120 LUMENS LED	\$	550	\$	550
1	OPTION	3015503	LIGHT 1 DOME DRIVERS LED SEPARATE SW	\$	39	\$	39
1	INCL	3015703	DOME LIGHT SWITCH REAR 2 LIGHTS/2 ROWS	\$	-	\$	-
1	INCL	3015803	DOME 2 ROW/2 SWITCHES F & R CONFIG	\$	-	\$	-
1	INCL	3017306	LIGHTS 4" STOP/TAIL LED VANDAL RESISTANT	\$	-	\$	-
1	INCL	3017503	LIGHTS 7" STOP/TAIL LED	\$	-	\$	-
1	INCL	3017607	LIGHTS 4" BACKUP LED VANDAL RESISTANT	\$	-	\$	-

1	INCL	3019602	HOODS WARNING LIGHTS DUAL	\$	-	\$	-
1	INCL	3019901	SYSTEM WARNING 8-LGT SEQ	\$	-	\$	-
1	OPTION	3020019	LIGHTS WARNING 8-LGT AMB/RED LED	\$	625	\$	625
1	INCL	3020101	SEQUENCE W/L SYSTEM SEQUENTIAL	\$	-	\$	-
1	INCL	3021002	SWITCH W/L MASTER LOC RH	\$	-	\$	-
1	INCL	3021004	SWITCH W/L START LOC RH	\$	-	\$	-
1	INCL	3021010	LIGHTS PILOT W/L SYSTEM LOC RH	\$	-	\$	-
1	INCL	3021018	SWITCH DOOR CONTROL LOC RH	\$	-	\$	-
1	INCL	3021104	CONTROLS CONFIG W/L OPT #4 8-LGT RH	\$	-	\$	-
1	INCL	3021802	SWITCH W/L MASTER GREEN PILOT	\$	-	\$	-
1	INCL	3022501	SWITCH W/L START MANUAL	\$	-	\$	-
1	INCL	3022802	INDICATOR W/L SYSTEM AMBER/RED	\$	-	\$	-
1	OPTION	3024204	LIGHT BOARDING ENTRANCE DOOR LED	\$	75	\$	75
1	INCL	3026021	RADIO AM/FM/USB/MP3 WITH PA	\$	-	\$	-
1	INCL	3026906	SPEAKER DLX 8 SPKR SYS W/WIRING	\$	-	\$	-
1	OPTION	3029341	STOP ARM ELECTRIC LED CLUSTER	\$	186	\$	186
1	INCL	3029505	STOP ARM LOCATION FRONT	\$	-	\$	-

1	INCL	3029711	WIRING STOP ARM ELECTRIC WITH INDEPENDENT FLASHER	\$	-	\$	-
1	INCL	3031002	HORN BACKING SAFETY 112 DB	\$	-	\$	-
1	INCL	3031601	WIRING W/L SYSTEM 14 GA	\$	-	\$	-
1	INCL	3033102	CIRCUIT PROTECTION,BREAKERS,MANUAL RESET	\$	-	\$	-
1	OPTION	3033707	INSULATION BODY POLYESTER/FIBER	\$	156	\$	156
1	INCL	3038505	PAINT, RUBRAIL, ALL RUBRAILS, FULL WIDTH BLACK	\$	-	\$	-
1	INCL	3039502	PAINT BACKGROUND WARNING LGT 3" BLACK	\$	-	\$	-
1	INCL	3040001	PAINT INTERIOR ASTRO WHITE	\$	-	\$	-
2	OPTION	3043001	VINYL REFL ROOF HATCH YELLOW 3M	\$	-	\$	-
1	INCL	3043002	VINYL REFL REAR EMER DOOR YELLOW 3M	\$	-	\$	-
1	INCL	3043005	VINYL REFL "SCHOOL BUS" SIGN FRONT YELLOW 3M	\$	-	\$	-
1	INCL	3043006	VINYL REFL "SCHOOL BUS" SIGN REAR YELLOW 3M	\$	-	\$	-
1	INCL	3043007	VINYL REFL 2" SIDE YELLOW 3M	\$	-	\$	-
1	INCL	3043008	VINYL REFL 1.75" REAR OUTLINE YELLOW 3M	\$	-	\$	-

Mirrors

1	OPTION	3045604	MIRROR REARVIEW INT 10 X 30	\$	24	\$	24
1	OPTION	3048101	MIRROR REARVIEW REMOTE CONTROL	\$	99	\$	99
1	OPTION	3048206	MIRROR EXTERIOR HEATED WITH 15 MIN TIMER	\$	375	\$	375
1	INCL	3048325	MIRROR EXTERIOR OPEN VIEW SPLIT SYSTEM	\$	-	\$	-
1	INCL	3048415	MIRROR CROSSVIEW EYE-MAX LP	\$	-	\$	-

1	INCL	3052902	3" REFLECTORS FRONT CENTER & REAR 3M	\$	-	\$	-
1	INCL	3060001	FAK MULTI STATE	\$	-	\$	-
1	INCL	3067701	BODY FLUID KIT	\$	-	\$	-
1	INCL	3075801	CERTIFICATION 4-WHEEL ALIGNMENT	\$	-	\$	-
1	INCL	3090505	CONSOLE MOUNTED ARMREST	\$	-	\$	-
1	OPTION	3090601	COMPARTMENT STORAGE ABOVE DRIVER SIDE WINDOW, NON-LOCK	\$	150	\$	150
1	INCL	3092103	LATCH NON-LOCKING ACCESS DOOR	\$	-	\$	-
1	INCL	3094514	BODY CONSTRUCTION FM/CMVSS 221, 4004	\$	-	\$	-
1	INCL	3095901	PANELS SIDE 20 GA FLUTED 19 3/4 SKT	\$	-	\$	-
1	OPTION	3096005	STEPWELL STAIN STEEL SEVERE DUTY	\$	663	\$	663
1	INCL	3097717	DOOR ENTRANCE OUTWARD OPENING	\$	-	\$	-
1	INCL	3097809	DOOR CONTROL,ELE PWR,MOM SW,2-POS	\$	-	\$	-
1	INCL	3098103	ENTRANCE DOOR KEY LOCK WITH HANDLE (IN VANDAL PACKAGE)	\$	-	\$	-
1	INCL	3101502	DOOR EMERGENCY REAR 2 WINDOW	\$	-	\$	-
1	OPTION	3102109	COVERING FLOOR RUBBER DARK GREY	\$	410	\$	410
1	INCL	3102402	TRIM AISLE ALUMINUM	\$	-	\$	-
1	OPTION	3102813	COVERING FLOOR RUBBER, 3809 & 3904	\$	-	\$	-
1	INCL	3104908	HANDRAIL ENTRANCE DOOR BARRIER 22.75-23.25	\$	-	\$	-
1	INCL	STANDARD	RUB RAILS SKIRT LEVEL	\$	-	\$	-
1	INCL	3111402	END CAP, RUB RAIL, PLASTIC, BODY COLOR	\$	-	\$	-
1	INCL	3115601	LIGHT STEPWELL 15 CANDLE	\$	-	\$	-
1	OPTION	3116025	STEP TREAD PEBBLE TOP GREY	\$	-	\$	-
1	OPTION	3116105	STEP TREAD METAL BACK W/WHITE NOSE	\$	375	\$	375
1	INCL	3116601	MARKER LIGHT CONTROL STEPWELL	\$	-	\$	-
1	OPTION	3118401	GLASS REAR EMERGENCY DOOR LOWER CLEAR TEMPERED	\$	(21)	\$	(21)
1	OPTION	3118501	GLASS REAR EMERGENCY DOOR UPPER CLEAR TEMPERED	\$	(29)	\$	(29)
1	OPTION	3118701	GLASS REAR VISION CLEAR TEMPERED	\$	(34)	\$	(34)
1	INCL	3118801	ENTRANCE DOOR LOWER GLASS CLEAR TEMPERED	\$	-	\$	-
1	INCL	3118901	ENTRANCE DOOR UPPER GLASS CLEAR TEMPERED	\$	-	\$	-
6	INCL	3119327	WINDOW, S/S, PUSH OUT, 12" TEMPERED, TINTED	\$	-	\$	-
1	INCL	3120109	BUZZER, MID SECTION, P/O WINDOW	\$	-	\$	-
6	INCL	3120110	WIRING, P/O WINDOW, DRS	\$	-	\$	-
6	INCL	3043004	VINYL, REFL, P.O WINDOW, YELLOW	\$	-	\$	-
1	INCL	3120047	DRIVER SIDE WINDOW CLEAR TEMPERED	\$	-	\$	-
1	INCL	3120103	BUZZER REAR EMERGENCY DOOR	\$	-	\$	-
24	INCL	3120229	WINDOW SPLIT SASH 12" TEMPERED TINT	\$	-	\$	-

LETTERING

1	INCL	LETTERING	BELT LINE LETTERING TO BE PAINTED	\$	-	\$	-
1	INCL	LETTERING	BUS NUMBERS TO BE PAINTED	\$	-	\$	-
6	INCL	3036501	LETTERING, EMERGENCY EXIT	\$	-	\$	-
1	INCL	3036502	LETTERING EMERGENCY DOOR ABOVE DOOR	\$	-	\$	-
7	INCL	3036601	LETTERING,EMERGENCY,INTERIOR,VINYL,BLACK	\$	-	\$	-
7	INCL	3036602	LETTERING,EMERGENCY,EXTERIOR,VINYL,BLACK	\$	-	\$	-

WARRANTY

1	OPTION	3130026	EXTENDED WARRANTY 3 YEAR UNLIMITED MILES	\$	-	\$	-
1	INCL	STANDARD	WARRANTY EXTENDED ALLISON TRANSMISSION, 5 YEAR UNLIMITED	\$	-	\$	-
1	INCL	STANDARD	OPERATION MANUALS REPAIR MANUALS CD VERSION	\$	-	\$	-

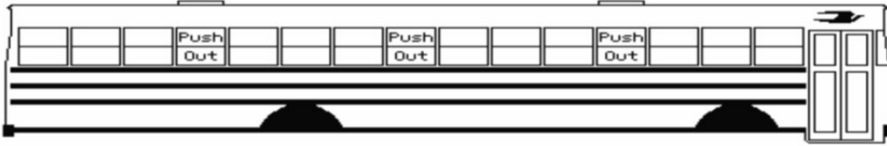
CHASSIS SPECIFICATIONS

1	OPTION	4000014	AXLE STEER HENDRICKSON 14 600 LBS	\$	194	\$	194
1	OPTION	4000413	SUSPENSION SPRING FRONT SOFTEK 14600	\$	388	\$	388
1	OPTION	4000506	SUSPENSION AIR REAR HENDRICKSON 23000	\$	1,813	\$	1,813
1	INCL	4001101	SPACER BLOCK FRONT SPRING	\$	-	\$	-
1	OPTION	4001856	AXLE REAR 23000 LB 5.29	\$	844	\$	844
1	INCL	4004802	LUBRICATION OIL PETROLEUM AXLE	\$	-	\$	-
1	INCL	4004905	COVER PARKING BRAKE E-Z GRIP	\$	-	\$	-
1	OPTION	4005003	BRAKE EXHAUST VGT	\$	463	\$	463
1	OPTION	4007013	BRAKES, AIR DISC, BENDIX	\$	2,262	\$	2,262
1	INCL	4007601	BRAKES ANTI-LOCK(ABS) AIR	\$	-	\$	-
1	OPTION	4008104	VALVE DRAIN MANUAL AIR TANK	\$	325	\$	325
1	INCL	4008119	DRYER AIR BENDIX AD-IP	\$	-	\$	-
1	INCL	4008604	BUMPER REAR STEEL	\$	-	\$	-
1	INCL	4008801	BUMPER FRONT STEEL 12"	\$	-	\$	-
1	INCL	STANDARD	COLUMN STEERING TILT/TELESCOPING	\$	-	\$	-
1	OPTION	4009703	SWITCH IGNITION KEYED ALIKE	\$	11	\$	11
1	INCL	4009801	CRUISE CONTROL	\$	-	\$	-
1	INCL	4010806	HOSES COOLANT RUBBER PREMIUM	\$	-	\$	-
1	INCL	4011102	FLUID TRANSMISSION SYNTHETIC	\$	-	\$	-
1	INCL	4011111	ANTIFREEZE,ES COMPLEAT,CUMMINS (BLUE)	\$	-	\$	-
1	INCL	4011201	RADIATOR FIXED POSITION	\$	-	\$	-
1	OPTION	4013408	ALTERNATOR LEECE-NEVILLE BLP4009 BRUSHLESS 280 AMP	\$	(169)	\$	(169)
1	INCL	4014104	BATTERY COMPARTMENT, ROLLER TRAY, CHASSIS MTD.	\$	-	\$	-
1	OPTION	4014204	BATTERIES TWO 8D	\$	350	\$	350
1	INCL	4016801	HEATER ENGINE BLOCK INTERNAL 750W	\$	-	\$	-
1	INCL	4017109	GOVERNOR ROAD SPEED 75 MPH	\$	-	\$	-
1	OPTION	4017944	ENGINE, CUM B6.7, DSL 260 HP @ 660 LB. FT.	\$	6,331	\$	6,331
1	INCL	4021303	2017 EMISSION ENGINE	\$	-	\$	-
1	INCL	4021518	EXHAUST, PRIMARY, FLEX, SING CAN, A/T, CUM	\$	-	\$	-
1	INCL	4021603	TAILPIPE SIDE EXIT LH	\$	-	\$	-
1	OPTION	4023317	FILTER, FUEL/WATER SEPARATOR, DIESEL ENGINE	\$	106	\$	106
1	INCL	4024102	FUEL SYSTEM DSL 100 GAL BFR RH FILL	\$	-	\$	-
1	INCL	STANDARD	GAUGE TEMPERATURE ALLISON TRANS IN LCD DISPLAY	\$	-	\$	-
1	INCL	4028004	GAUGE SPEEDOMETER MILES	\$	-	\$	-
1	INCL	STANDARD	CLOCK	\$	-	\$	-
1	OPTION	4035507	TIRE, COOPER, 11R 22.5, LRH, RHA FRT / RHD RR	\$	93	\$	93
1	INCL	4039014	BALANCE FRONT WHEELS	\$	-	\$	-
1	INCL	4041101	TOW HOOKS FRONT	\$	-	\$	-
1	OPTION	4041102	TOW HOOKS REAR	\$	-	\$	-
1	OPTION	4043212	TRANSMISSION ALLISON GEN 4 3000PTS 6 SPD	\$	7,500	\$	7,500
1	INCL	4043214	TRANSMISSION ALLISON GEN 4 2500PTS W/SEM	\$	-	\$	-
1	INCL	4044011	WHEELS STEEL 8.25X22.5 DSC HUB-PILO	\$	-	\$	-
1	INCL	4049304	PROGRAM, TCM, PERF, ATI	\$	-	\$	-

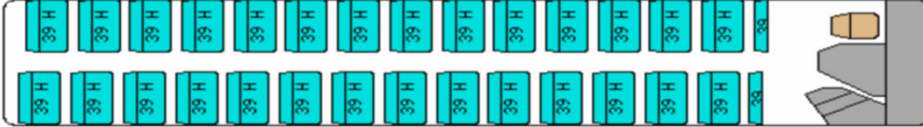
ADDITIONAL OPTIONS

1	INCL	LOCAL	PDI	\$	-	\$	-
1	9180101BR	LOCAL	5 POCKET BARRIER COVER, BROWN, HI-BACK V/L 39" PROFORM II	\$	71	\$	71
1	OPTION	LOCAL	BELT LINE LETTERING AND BUS NUMBER TO BE PAINTED	\$	-	\$	-
1	OPTION	9000018	SPARE SET OF KEYS	\$	40	\$	40

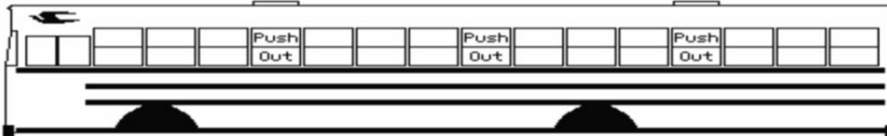
SEAT PLAN



SP: 16278 T3FE 4004, 84 CAP



BP: 5011622 T3FE 4004 232 WB




LH Seat Spacing: 27.70
 LH Knee Clearance: 25.20
 RH Seat Spacing: 27.80
 RH Knee Clearance: 25.30

SUMMARY

"We Service What We Sell"

Since 1969

 <p>Quote # FE18022AP</p>	<p>Check us out at our website: www.brysonsales.com</p>	BASE BID PRICE	\$ 93,700.00
		DISTRICT OPTIONS	\$ 30,217.15
		PER BUS TOTAL, ONE BUS	\$ 123,917.15
		PURCHASE QUANTITY	1
	EQUIPMENT TOTAL	\$ 123,917.15	
	Quote Valid for 30 Days	DELIVERY	\$ 3,200.00
		TOTAL PURCHASE PRICE	\$ 127,117.15
	OPTIONS DISCOUNT	(\$15,800.00)	
	MULTIPLE UNIT TOTAL	\$ 111,317.15	

The following signature authorizes the order of this bus including items listed above:

Authorized Signature: _____ Date: _____



Customer Quotation

Prepared For:
KELLOGG SCHOOL DIST 391800 BUNKER
AVEKELLOGG, ID 83837

Prepared By :
Brad Carpenter/Western Mountain Bus Sales

Quote Number:
352489

Quote Date:
2/6/2019

Customer Order No:
Kellogg 65

Model Profile: Saf-T-Liner C2 311TS

Product Type:	School Transportation
Year:	2020
Chassis Model:	B2 106
Chassis MFG:	FLNER
GVWR:	GVWR
Passenger Capacity:	72
Headroom:	78
Wheelbase:	259
Brake Type:	HYDRAULIC W/AIR SUPPLY
Engine Type:	CUMMINS B6.7 220 DIESEL, 6 Cyl, 220 HP, 2600 RPM
Fuel Type:	DIESEL
Fuel Tank Capacity:	100
Transmission Type:	AUTOMATIC
Axle, Front:	12000-lb Capacity
Axle, Rear:	21000-lb Capacity
Tires, Front:	BF GOODRICH ST230 11R22.5 16 PLY RADIAL FRONT TIRES
Tires, Rear:	BF GOODRICH DR444 11R22.5 16 PLY RADIAL REAR TIRES
Suspension Front:	[FRONT SUSPENSION]
Suspension Rear :	[REAR SUSPENSION]

Total for 1 complete unit(s): **\$91,625**
Delivery Cost:

Includes the Following Equipment:

DEALER ADD On's EQUIPMENT

- 1 up grades

Meets all FMVSS requirements in effect at the time of manufacture.

Total for 1 complete unit(s): **\$91,625**
Delivery Cost: *Included*

Additional options you may want to consider:

Terms and Conditions:
Quote Expires:

Customer Signature: _____

Date: _____

Dealer Signature: _____

Date: 2-6-19

AttachedDetail

Optional Equipment - Body:

1 [A000000117] ALIGNMENT-4-WHEEL SAF-T-LINER C2
1 [A200100000] PDI IDENTIFIER-DEALER PERFORMED
1 [A201400001] 2014 SEATING ALERT
1 [B610000095] BELT-ELR SHOULDER/PUSH BUTTON LAP
1 [B640139200] 39" BARR-VERT,WALL MT 45"H RS 2009
1 [B640239000] 39"8DEG BARR-REV. WALL-MT 45"H 2009
2 [B660019121] SPANISH GRAY UPHOLSTERY-45"HIGH RECESSED BARRIER
1 [D100200003] LOGO-OMIT FRT & RR
1 [D100300002] LOGO-THOMAS DECALS BLACK
1 [D100600002] LABEL-P/O WDO EMER EXIT 2" BLACK
1 [D101502003] LABEL-ENGLISH AG2.ELEC.ENT DR
1 [D102200002] REFLECTTAPE-RR END YEL 2"
4 [D102500000] REFLECTTAPE-P/O WDO YEL
1 [D102901000] REFLECTIVE TAPE-EMERGENCY DOOR REAR YELLOW
1 [D103600311] REFLECTTAPE-SI 2"@ BELT YEL
1 [D103900000] FIRE EXTINGUISHER-5 3A-40BC
1 [D105400001] FAN-CIRC MID W/S HDR BLACK
1 [D105500001] ELEC-FAN MID W/S HDR
1 [D105600000] FAN-CIRC DRV'S WDO HDR BLACK
1 [D105700000] ELECTRICAL-FAN DRIVER'S WINDOW HEADER
1 [D106500000] VISOR-WINDSHIELD SUN 6"X30" TINTED
1 [D106902000] RADIO-AM/FM DEA510 W/PAGE
1 [D107000000] REFLECTORS-AMBER(2) MID BDY 3"
1 [D107100000] REFLECTORS-RED (4) RR/RR SI 3"
1 [D107303002] HATCH-ROOF ESCAPE MODEL 1900 ENGLISH (2)
1 [D107700003] ELECTRICAL-ROOF ESCAPE HATCH POS 3
1 [D108200008] ELECTRICAL-ROOF ESCAPE HATCH POSITION 8
1 [D108700000] HANDLES-W/S SERVICE, PAINTED
1 [D108800002] FLAPS-MUD, REAR 22.5"W
1 [D108900001] FLAPS-MUD, FRONT 16"W X 12"H
1 [D109300000] ARM ASSEMBLY-WINDSHIELD WIPER (2)
1 [D109400000] MAT-HEATER STEP TREAD ALL FRONT ENTRANCE DOOR
1 [D110024IDH] KIT,FIRST AID 24 UNIT IDAHO
1 [D110101IDA] KIT,BODY FLUID CLEAN UP IDAHO
1 [D110200000] ELECTRICAL-ROOF HATCH OR P/O WINDOW (DASH)
1 [D110500000] STEPS-EXT W/S SERVICE
1 [D110800000] OPER-FAN W/S HDR
1 [D110900000] OPER-FAN DRV'S WDO HDR
1 [D111000000] OPER-ALARM BACKING W/REV.
1 [D112400012] AIR COND - NONE
1 [D113200000] OPER-RF HATCH BUZZER
1 [D115000003] OPER-AUTOMATIC FAST IDLE
1 [D116100002] LOCATION-VESTIBULE FLOOR PLATE LEFT 5LB FE
1 [D119400003] LOCATION-VESTIBULE FLOOR PLATE CENTER 24 FAK
1 [D119500001] LOC-VEST.FLR.PLT.FWD. 10 BFC
1 [D119603001] LOCATION-VESTIBULE FLOOR PLATE AFT REFLECTIVE TRIANGLE
1 [D119700001] AC DUCT-NOT PRESENT NO SIDE EVAP
1 [D122201000] CUTTER-SEAT BELT W/HAND GRIP
1 [D122400000] TRIANGLES-REFL. 3 W/BOX
1 [D123000002] DOOR-STORAGE BOX W/O GLASS
1 [D123300000] CONDENSER ALERT - NONE
1 [D123400000] EVAPORATOR QTY - NONE
1 [D123800000] ANTENNA - RADIO SWIVEL BASE
1 [D124000000] ELEC-ANTENNA RADIO COAXIAL
1 [D124100000] KIT-RADIO ANTENNA MOUNTING @ DRIVER'S HEADER
1 [D125200000] MANUAL-DRVR'S/MAINT.ENGLISH
1 [D127400000] DECAL-BACKING ALARM
1 [D130200000] DECAL-LOW SULFUR FUEL
1 [D130705000] ELEC-NO ZONAR MONITORING
1 [D131100001] LOCKS-KEYED ALIKE #CH545
1 [D132200002] LABEL-RR EMERGENCY DOOR BLK/YEL
1 [D132600000] DECAL-ENTRANCE DOOR VANDALOCK ENGLISH
1 [D133300005] TRIM-LOWER REAR HEATER NO A/C
1 [D134200000] LABEL-RR EMERGENCY DOOR INSTRUCTION
1 [D134600000] LABEL-"DEF ONLY"
1 [D134901000] LABEL-REGENERATION WARNING 2010/2013 EPA ENGLISH
1 [D200000700] 311T30_N

1 [D200100000] TRIM-A POST
1 [D200200002] FENDER-QUARTER 24" BATTERY BOX DOOR
1 [D200301005] STEP-RS ALUM.ENT.DR 8.75"RISER
1 [D200600000] BODY ADJUSTMENT-FREIGHTLINER, BTR RS FUEL FILL LOCATION
1 [D200700000] WHEELHOUSES-REAR L&R
1 [D200800311] STRINGER-ROOF 311T
1 [D201000000] FRONT END FRAME
1 [D201100000] FRT END FRAME MTG KIT
1 [D201200000] REAR END FRAME-28.68"DEEP
1 [D201300311] FLOOR-GALVALUME STEEL MID BODY
1 [D201400704] LOC-40" RAF SP 10TH 311T
1 [D201500000] RS TANK ALERT - NONE
1 [D201600000] APPLICATION - SCHOOL
1 [D201900003] REINFORCEMENT-FRAME STD 24" BATTERY BOX DOOR
1 [D202600000] CAP-ENTRANCE DOOR STANDARD
1 [D202800001] FLOOR-NON ADA
1 [D300100001] HANDLE-INT RR DR BLACK
1 [D300300000] HANDLE-EXTERIOR REAR DOOR WITH RECESS
1 [D300601002] DOOR-ACC SOLID PANEL
1 [D300700000] DOOR ALERT - LS ENT NONE
1 [D300800000] LATCH-DOOR INTERIOR STORAGE OVER WINDSHIELD
1 [D301100001] ELEC-PWR CELL PHONE OUTLET LS
1 [D301400000] TRIM-REAR DOOR
1 [D302000000] VANDALOCK-REAR DOOR W/BOLT
1 [D302305001] DOOR-ENT AG2 CLR TEMP LOCK
1 [D302403000] PWR SYST.-AG2 ELECTRIC ENTRANCE DOOR
1 [D302502000] ELEC-AG2 ELECTRICAL OPERATED ENTRANCE DOOR
1 [D302800000] HINGES-REAR DOOR PIN TYPE
1 [D302900000] LATCH-SINGLE-POINT, REAR EMERGENCY DOOR
1 [D303000000] STOP-DOOR REAR EMERGENCY, 1-POS
1 [D303105000] OPER-DOOR ELEC ENT.& ING.3 POS.
1 [D303200000] OPERATION-VANDLOCK ENTRANCE/EMERGENCY DOOR(S)
1 [D303911000] VANDALOCK-ALUM.ENT.DR.CYLINDER W/KEY
1 [D304000002] PULL-ENTRANCE DOOR, EXTERNAL ALUMINUM
1 [D306400000] OPER-DR.RR.EMG.W/BUZ
1 [D306500700] ELEC-EMERGENCY/EXIT DOOR(S)
1 [D307100000] DOOR-LS ENT RS EXIT -NONE REQD
1 [D307700000] INT COLOR -RR DOOR GRAY
1 [D308101000] VANDALOCK-NONE REQUIRED RS
1 [D308201000] VANDALOCK-NONE REQUIRED LS
1 [D308300000] DOOR ALERT - RS EXIT NONE
1 [D308600003] SWITCH-PAD. ENT.DOOR ELEC. (3 POS.)
1 [D309001001] LATCH-DR INT STOR OVR DRVRSHDR
1 [D309200000] DOOR, REAR EMERGENCY
1 [D309701000] LATCH-UNDERBODY COMPARTMENT 30/60 LOCK LEFT SIDE 1ST
1 [D309801000] LATCH-UNDERBODY COMPARTMENT 30/60 LOCK LEFT SIDE 2ND
1 [D309902001] LATCH-STORAGE COMPARTMENT 100 LOCK RIGHT SIDE 1ST
1 [D310501000] THRESHOLD REAR EMERGENCY DOOR
1 [D311900000] TRIM-ENTRANCE DOOR INTERIOR
1 [D400200001] MONITOR-LPS WARN NONE
1 [D400400000] LAMPS-DOME OVER DRIVER
1 [D400500000] LAMPS-DOME OVER STEPWELL
1 [D400600000] ELEC-DRIVER'S DOME LPS
1 [D400703311] LPS-DOME PASS MEDIUM () 311T
1 [D400804311] ELEC-PASS DOME LPS MEDIUM 311T
1 [D400900002] SWITCH-RKR DOME LPS FRT/RR
1 [D401000001] MODULE-PWR.DIST.ELEC.SYS.
1 [D402200002] LPS-EXT AFT OF ENT DOOR LED
1 [D402300001] ELEC-LPS EXT AFT OF ENT DOOR
1 [D402400002] OPERATION-STEPWELL LAMPS WITH IGNITION & ENTRANCE DOOR
1 [D402500000] LAMPS-STEPWELL WITHOUT HOOD (1)
1 [D402801002] LPS-STP/TAIL/DIR AMBER/REV LED
1 [D402904311] ELEC-LPS STOP/TAIL/TURN/REV
1 [D403700000] SWITCH-RKR FAN DEFROST L.S.
1 [D404100001] BUZZER-SWITCH PANEL 1 TONE
1 [D404300001] ELEC-PWR, GND, NETWORK, BUZZ
1 [D404500000] OPERATION-NOISE SUPPRESSION
1 [D404608311] ELECTRICAL-LAMPS WARNING,8 LAMPS 311T
1 [D405400001] OPER-LPS, DOME STANDARD

1 [D405800000] OPER-LPS BODY TAIL W/PARK SW.
1 [D405900001] LPS-LIC PLATE ILLUMINATION LED
1 [D406000002] LAMPS-SIDE DIRECTIONAL AMBER FRONT 2 CP LED
1 [D406105311] ELEC-LPS SI FRT DIRECTIONAL
1 [D406211008] LPS-WARNING LED (8)
1 [D406601020] OPERATION-LAMPS WARNING (8) PACKAGE 20
1 [D406700000] OPERATION-LAMPS REVERSE WITH REAR EMERGENCY DOOR OPEN
1 [D406900006] LPS-ID AMB/RED LED
1 [D407002001] LPS-MKR ROOF F/R LED W/SHLD
1 [D407102001] LPS-MKR ROOF MID LED W/SHLD
1 [D407507311] ELEC-LPS ID/MKR PARK/SWITCH
1 [D407600000] SWITCH-ROCKER DOME LAMPS DRIVER ON/OFF
1 [D408901000] LPS- STOP/TAIL 4" FLS.MT L.E.D.
1 [D409000000] SWITCH-ROCKER FAN DEFROST WINDSHIELD
1 [D409400001] SWITCH-ROCKER NOISE SUPPRESSION ON/OFF
1 [D409700000] ELEC-INT LPS OVER STEPWELL
1 [D410300001] OPER-DRVR'S DOME LPS ON/OFF BATT
1 [D410501000] OPERATION-LAMPS INTERIOR/EXTERIOR RIGHT FRONT ENTRANCE DOOR
1 [D410600000] OPER-LPS SERVICE BRAKE
1 [D410900005] OPERATION-SWITCH ID/MARKER LAMPS WITH PARK
1 [D411400002] OPER-LPS DOME (2)ON/OFF
1 [D411700000] OPER-LPS REVERSE
1 [D411900002] ELEC-(2) SWITCH BANKS
1 [D412200000] LAMPS-PILOT WARNING LIGHTS RED
1 [D412300000] LAMPS-PILOT WARNING LIGHTS AMBER
1 [D413000001] SWITCH-ROCKER WARNING LAMPS AMBER ACTIVATION/CANCEL
1 [D414500311] ELEC-HARNESS COMP ASM 311T
1 [D414600000] ELEC-ELECTRONIC COMP ASM
1 [D414700002] ELEC-CABLE PRIM PWR & GND-CUSTOMER ACCESS
1 [D414900000] OPER-LPS DIR./HAZ.
1 [D415200000] SWITCH-ROCKER HEATED STEP TREAD
1 [D416100000] OPERATION-LAMPS SIDE DIRECT.OONLY
1 [D416400000] BLOCK-FUSE CUSTOMER ACCESS
1 [D418600002] OPER-PRE-TRIP INSPECTION
1 [D419601001] ELEC-SEAT BELT PILOT LAMP
1 [D419700001] OPER-SEAT BELT PILOT LAMP
1 [D419900000] LAYOUT-ROCKER SWITCH STANDARD
1 [D500003000] OPEN VIEW - ES, HEATED, REMOTE
1 [D500100000] SWITCH-RKR MIRROR HTR.
1 [D500200001] ELEC-MIR A HTD & RC
1 [D500301000] MIRROR-B EXTERIOR CROSSVIEW HEATED BLACK BRACKET
1 [D500605015] SIGN-STOP, ELEC FRT #SE1-7980C
1 [D500801007] ELEC-ELECTRIC STOP SIGN FRONT DEFENDER
1 [D501400311] RAIL-EXTERIOR GUARD @ WINDOW,SEAT,FLOOR,SKIRT
1 [D501500000] RAIL-EXT GRD @ SEAT FRT END LS
1 [D501901000] RAIL-EXT GRD@ FLOOR, NONE
1 [D502513000] PAINT-EXT HNDLE(S) BLACK
1 [D502600000] BUMPER-REAR 2 BRACES NO EXHAUST HOLE
1 [D502800000] TRIM-FRT CAP RS/LS
1 [D502900004] SKT.FWD.STPWLL LO DEF
1 [D503104001] DECAL-REFL FRT CAP "SCHOOL BUS"
1 [D503204001] DECAL-REFL RR CAP "SCHOOL BUS"
1 [D503302000] CAP-FRT ROOF VENT W/WARN.LPS.
1 [D503402000] CAP-REAR ROOF W/WARN.LPS.
1 [D503500000] PANELS-EXTERIOR REAR
1 [D503600000] SHEET-DRIVERS EXTERIOR 20 GA.
1 [D503700700] SHEET-UPPER SIDE EXTERIOR
1 [D503902311] GUSSET-21"H LWR SIDE SHEET
1 [D504006311] SHEET-LWR, L MID 20G,21"
1 [D504108311] SHEET-LWR,L RR 20G,BOX FWD 311
1 [D504206311] SHEET-LWR,R MID 20G,21"
1 [D504308311] SHEET-LWR,R RR 20G,BOX FWD 311
1 [D504500003] DOOR-U/B L BATTERY 24"
1 [D504600000] OPER-MIRRORS EXT HTD.
1 [D505300311] UNDERCOATING-ASPHALT EMULSION
1 [D505500001] DECAL-"DIESEL"
1 [D505600000] DOOR-FUEL FILL ACCESS BTR
1 [D505706021] FENDERETTE-STEEL 21" BOX BOTH
1 [D505800704] HEADERS-WINDOW INTERIOR 311T

1 [D5061SC311] PAINT-EXT WDO AREA SAME AS BODY
1 [D506347000] PAINT-EXT GRD RAIL @ WINDOW BLACK
1 [D506447000] PAINT-EXT GRD RAIL @ SEAT BLACK
1 [D506547000] PAINT-EXT GRD RAIL @ FLOOR BLACK
1 [D506647000] PAINT-EXT GRD RAIL @ SKRT BLACK
1 [D506747001] PAINT-EXT BUMPER REAR BLACK
1 [D506800001] PAINT-EXT ENT DOOR NONE
1 [D506900002] PAINT-EXT.ROOF CAP 3" BLK
1 [D507001000] PANELS-EXT REAR SIDE LONG PANEL
1 [D507100002] LS STORAGE BOX 1 - 60" WIDE
1 [D507300002] LS STORAGE BOX 2 - 30" WIDE
1 [D507400002] LATCH-BATT DOOR NON-LOCKING
1 [D507600000] LATCH-FUEL FILL ACCESS (THUMB)
1 [D508100081] ROOF SHEETS-(2)HATCH - 311T
1 [D508200001] RS STORAGE BOX 1 - 100" WIDE
1 [D508300000] RS STORAGE BOX 2 - NONE
1 [D508400000] RS STORAGE BOX ROH - NONE
1 [D508500000] LS STORAGE BOX ROH - NONE
1 [D510646311] PAINT-SOLID COLOR YELLOW
1 [D510800001] BTR FUEL FILL RECESS, W/DOOR
1 [D510900000] VENT-STATIC PRESENT
1 [D511501700] PILASTER - 311T, 700
1 [D511800000] LATCH-NON-LOCKING DEF ACCESS DOOR
1 [D512900000] RAIL-SNOW RAIL PRESENT
1 [D515100311] HARDWARE-MOUNTING CLIPS STANDARD
1 [D515400000] DECAL-APPROVED FUEL TYPE
1 [D600100000] PANELS-REAR END INTERIOR REAR GALVALUME
1 [D600200000] PANELS-REAR END INTERIOR SIDE LONG WITH SOLID PANEL
1 [D600300000] BULKHEAD-RR END INT.GRY
1 [D600400000] PANELS-ACCESS RR BULKHEAD GRAY
1 [D600500311] COVER-HARNESS ACCESS@HDR
1 [D600600000] COVER-ACCESS RR END HARNESS
1 [D600700000] COVER-ACCESS FRT END HARNESS
1 [D600801001] COVER-TRIM DRVS HDR W/STORAGE
1 [D600901000] COVER-TRIM FRT END W/S HEADER
1 [D601003002] COVER-TRIM FRT ENT.ALUM.DR HDR.ELEC.OP.
1 [D601100011] HEADLINING-VESTIBULE ACOUSTIC, GRAY,W/ DRIVE/ENTRANCE LAMPS
1 [D601200001] HEADLINING-REAR LONG SMOOTH, GRAY
1 [D601402311] STRIPS-AISLE, GALVALUME 311T
1 [D601508311] FLR-BLK VINYL W/13" CTR AISLE 311T
1 [D601600006] FLR-BLK WHEELHOUSE AND HEATER
1 [D601701311] FLR-PLYWD MARINE GRADE 311T
1 [D601800001] COVER-FUEL SENDING INSPECTION
1 [D601900311] MOLDING-SHOE 311T
1 [D602001311] SPEAKERS-INT. 30 WAT.(6) 311T
1 [D602102311] ELEC- (6) INT SPEAKERS 311T
1 [D602200000] MIRROR-INTERIOR 6"X30" WITH RUBBER EDGE
1 [D602400000] LABEL-VEHICLE CERTIFICATION
1 [D603000000] PAD-DR HEADER, RR EMER 36"W
1 [D603704084] HEATER-UNDERSEAT LEFT SIDE 84,000 BTU LOCATION 4
1 [D604310084] HTR-U/S LS 84,000 BTU LOC 10
1 [D6047101HM] HOSE-HTR HIMILER W/ W/H POS 10
1 [D604801000] HTR-ENT DOOR STEPWELL (DUCTED, UNDERSEAT)
1 [D604901001] HOSE-STEPWELL HEATER HIMILER
1 [D605000000] SWITCH-ROCKER HEATER STEPWELL
1 [D605200001] CLAMPS-PLUMBING HEATER CONSTANT TORQUE
1 [D605301000] CLAMPS-UNDERSEAT HEATER CONSTANT TORQUE
1 [D605600000] LUGGAGE RACK ALERT - NONE
1 [D605803002] CONNECTION-HEATER(1) CONSTANT TORQUE/HI MILER
1 [D605900000] SWITCH-ROCKER HEATER LEFT 1ST
1 [D606000000] SWITCH-ROCKER HEATER LEFT 2ND
1 [D606500004] ELEC-HTR U/ SEAT POS 4
1 [D607100010] ELECTRICAL-HEATER UNDERSEAT POSITION 10
1 [D607600700] RAIL-SEAT
1 [D607700000] LAYOUT-SEAT RAIL HOLES RS
1 [D607800000] LAYOUT-SEAT RAIL HOLES LS
1 [D607904700] LINING-SIDE INT.
1 [D608100000] CABINET-SW, FWD
1 [D608200000] CABINET-SWITCH, LOWER WITHOUT POCKET

1 [D608300000] CABINET-SWITCH, UPPER
1 [D608400000] CABINET-TOP PLATE (2 BANKS)
1 [D608501000] TREAD-STEP ALUMINUM ENTRANCE DOOR BLACK
1 [D608600001] TRIM-STEPWELL HORIZONTAL WITH RIBBED NOSE
1 [D609000000] OPER-HTR U/ SEAT LS FWD
1 [D609201001] OPERATION-HEATER STEPWELL & STEP TREAD
1 [D609500000] INSULATION-VEST HEADLINING 2"
1 [D609600700] INSULATION-SIDELINING 2" POLY
1 [D609800000] INSULATION-RR BULKHEAD 2" POLY
1 [D609900000] INSULATION-FRONT BULKHEAD 2"POLYESTER
1 [D610000000] OPER-HTR U/ SEAT LS AFT
1 [D610339002] RAIL-ASSIST FRT ENT DR 39"W
1 [D610403311] H/L-PASS AREA ACOUS GREY 311T
1 [D610500311] HEADERS-WINDOW EXTERIOR 311T
1 [D610600311] INSULATION - RAFTER CAVITY 311T
1 [D611000000] RAIL-ASSIST FRONT ENTRANCE DOOR RIGHT SIDE 1"OD
1 [D613100000] HARNESS COVER COLOR - GRAY
1 [D613200001] SPEAKER ALERT - PRESENT
1 [D613400002] DOME LPS - MEDIUM
1 [D613500000] HEADLINING COLOR - GREY
1 [D613600001] HEADLINING TYPE - ALL ACOUSTIC
1 [D613800000] MAT, FLOOR VESTIBULE
1 [D614000000] TRIM-INTERIOR DASH FORWARD
1 [D616100000] INSTALLATION-PARK BRAKE ASSEMBLY
1 [D616900001] INSULATION-INT LONG REAR END
1 [D617100000] LUGGAGE RACK ALERT - NONE
1 [D617200000] PLATE-ACCELERATOR
1 [D619600000] ELEC-HTR ENT DOOR STEPWELL
1 [D620600000] HOLDER-STORAGE, CLIP BOARD
1 [D700000001] GLASS-WINDSHIELD ONE PIECE WITH TINTED BAND
1 [D700101000] GLASS-RS FRT STAT CLR TEMP
1 [D700201000] GLASS-LS FRT STAT CLR TEMP
1 [D700300002] GLASS-REAR STAT TINTED TEMP
1 [D700500000] FRAME-WDO SPLIT
14 [D700530000] FRAME-WDO SPLIT 30"W
2 [D700540000] FRAME-WDO SPLIT 40"W
2 [D700600L01] FRAME-WDO P/O VERT TEMP TNT LS
2 [D700600R01] WDO P/O VERT TEMP TNT RS
14 [D700730002] GLASS-WDO TINT TEMP 30"
2 [D700740002] GLASS-WDO TINT TEMP 40"
1 [D700900003] STOPS-WDO 12"
1 [D701200001] GLS-LWR RR DR TEMP TNT BONDED
1 [D701300001] GLS-UPR RR DR TEMP TNT BONDED
1 [D701500000] OPER-WDO P/O
1 [D701600006] WDO-DRIVER'S TEMP CLR
1 [D800008311] EXHAUST-LS TURNDWN, BELOW Bmpr
1 [D800600003] ANTI-FREEZE, OAT -34 DEGREE
1 [D800700000] WINTERFRONT-CHASSIS GRILLE WHITE
1 [D801000000] TUBE-FILL BTR & OVERFLOW HOSE
1 [D801100000] CAP-FUEL FILL BTR NON-LOCKING
1 [D801200000] SHIELD-EXHAUST PIPE
1 [D900104000] BACK-NATIONAL DRV'S SEAT
1 [D900302001] ARMREST NATIONAL DRVR'S ST. BOTH SIDES
1 [D900403003] UPH DR.ST.FABRIC BLK NATIONAL
1 [D900503007] PEDESTAL-NATIONAL AIR W/2 SHOCKS
1 [D900602000] COVER PEDASTAL NATIONAL DR.ST.
1 [D900702001] SLIDE STOP NATIONAL DR.ST. NONE
1 [D900802002] RETAINER NATIONAL DR.ST.BELT
1 [D900902001] POUCH-DR.ST.STORAGE NONE
1 [D901039001] KICKPLATE-MOD.PANEL RS 39" HEATER
1 [D901139000] KICKPLATE-MOD.PANEL LS 39"
1 [D901200002] RISER-DRIVERS SEAT, NATIONAL
1 [D901700001] Haptics-Not Present
10 [D930039000] S3B 39"RS WALL MT RESTRAINING/NO BELT
10 [D930139000] S3B 39"LS WALL MT RESTRAINING/NO BELT
20 [D930419166] 42 OZ GRAY UPHOLSTERY - S3B SEAT
1 [D939201000] S3B WALL MT HARDWARE-RESTRAINT
20 [D939601000] S3B WALL MT HARDWARE-NON RESTRAINT
2 [D980139002] S3C 39"LS 3-PASSENGER WALL MOUNT W/ICS

- 2 [D980239002] S3C 39"RS 3-PASSENGER WALL MOUNT WITH ICS
- 4 [D980419166] 42 OZ GREY UPHOLSTERY - S3C PASSENGER SEAT
- 4 [D989003000] S3C WALL MOUNT HARDWARE - C2

Optional Equipment - Chassis:

- 1 [FL-018-003] BOSCH HYDRAULIC BRAKE PACKAGE WITH OPTIONAL AIR SUPPLY
- 1 [FL-065-196] PAINT:ONE SOLID COLOR,BASE/CLEARCOAT
- 1 [FL-107-032] CUMMINS 18.7 CFM COMPRESSOR
- 1 [FL-111-001] STANDARD ENGINE OIL
- 1 [FL-124-1F3] LN 12V 240 AMP AVI PAD MOUNT ALTERNATOR
- 1 [FL-128-076] CUMMINS INTEGRAL EXHAUST BRAKE WITH VARIABLE TURBO
- 1 [FL-132-004] ELECTRIC GRID AIR INTAKE WARMER
- 1 [FL-138-010] PHILLIPS 750 WATT/115 VOLT BLOCK HEATER
- 1 [FL-140-039] ENGINE HEATER RECEPTACLE MOUNTED FACE OF BUMPER, LEFT SIDE
- 1 [FL-141-998] NO COOLANT HEATER - GAS/DIESEL
- 1 [FL-148-084] PROG RPM CTRL W A/C OR 12.75V LOW VOLT AUTO HI IDLE, DASH SW
- 1 [FL-149-013] CRUISE CONTROL-ELEC ENG,W/SWITCHES IN LH SWITCH PANEL
- 1 [FL-155-057] DELCO 12V 29MT STARTER WITH INTEGRATED M
- 1 [FL-160-025] DIAGNOSTIC INTERFACE CONNECTOR,9-PIN, S
- 1 [FL-162-002] IGNITION SWITCH CONTROLLED ENGINE STOP
- 1 [FL-170-041] ADDL AUX LINES W/MANIFOLD PLUMBING AND COMBINED SHUTOFF
- 1 [FL-171-007] GATES BLUE STRIPE COOLANT HOSES
- 1 [FL-172-016] CONSTANT TORQUE BREEZE CLAMPS ON 1 IN DIA GREATER, SS C
- 1 [FL-230-003] 100GALLON/378 LITER STEEL RECTANGULAR FUEL TANK,BETWEEN RAIL
- 1 [FL-23U-004] 11.5 GALLON DEF TANK
- 1 [FL-273-004] VISCOUS FAN DRIVE
- 1 [FL-284-095] 12VOLT POWER SUPPLY LH PANEL
- 1 [FL-285-020] SOLID STATE CIRCUIT PROTECTION, PDMS WIT
- 1 [FL-292-097] (2) ALLIANCE 1131, GROUP 31, 12 VOLT, MF, 1900 CCA BATTERIES
- 1 [FL-293-070] COLE HERSEE BATTERY CUT-OFF SWITCH, BATTERY BOX MOUNTED
- 1 [FL-311-005] DAYTIME RUNNING LIGHTS SET @ 85%
- 1 [FL-31L-083] STOP SIGN PRESENT
- 1 [FL-324-1AE] DRIVER'S IGNITION OPERATED DOME LP WITH ON/OFF/DIM BATTERY
- 1 [FL-32F-005] OVER DOOR LAMP, RIGHT HAND FRONT ENTRANCE DOOR
- 1 [FL-342-1MJ] ALLISON 2500 PTS AUTOMATIC TRANSMISSION
- 1 [FL-343-301] ALLISON VOCATIONAL PACKAGE 354 - FIFTH GEN
- 1 [FL-35T-001] SYNTHETIC 50W TRANSMISSION LUBE (TES-295 COMPLIANT)
- 1 [FL-386-055] SPL100 DANA SPICER MAIN DRIVELINE
- 1 [FL-400-1A6] DA-F-12-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
- 1 [FL-402-054] BOSCH HYDRAULIC PIN-SLIDE DISC FRONT
- 1 [FL-409-002] CHICAGO RAWHIDE FRONT OIL SEALS
- 1 [FL-40T-002] SYNTHETIC 75W-90 FRONT AXLE LUBE
- 1 [FL-418-030] CONMET IRON FRONT HUBS
- 1 [FL-419-004] DISC BRAKE FRONT ROTORS FOR HYDRAULIC BRAKES
- 1 [FL-41T-002] SYNTHETIC 75W-90 REAR AXLE LUBE
- 1 [FL-420-1C8] DA-RS-21-4 21K R-SERIES SINGLE REAR AXLE
- 1 [FL-421-588] 5.88 AXLE RATIO
- 1 [FL-423-054] BOSCH HYDRAULIC PIN-SLIDE DISC REAR
- 1 [FL-425-002] REAR BRAKE DUST SHIELDS
- 1 [FL-427-001] FRONT BRAKE DUST SHIELDS
- 1 [FL-435-001] TRANSMISSION-MOUNTED PARK BRAKE
- 1 [FL-440-001] CHICAGO RAWHIDE (SCOT) REAR OIL SEALS
- 1 [FL-452-998] NO TRACTION STABILIZER
- 1 [FL-460-077] ONE STEEL RESERVOIR BTWN RAILS HYDRAULIC BRAKES
- 1 [FL-477-024] BW DV-2 AUTOMATIC DRAIN VALVE WITH HEATER ON ALL TANKS
- 1 [FL-480-009] BENDIX AD-9 AIR DRYER WITH HEATER
- 1 [FL-490-032] WABCO HYDRAULIC ABS (4) CHANNEL WITHOUT TRACTION CONTROL
- 1 [FL-502-431] ACCURIDE 29001 22.5X7.50, 10-HOLE HUB-PILOTED, 5-HAND
- 1 [FL-505-431] R WH, ACCURIDE 29001 22.5X7.50, 10-HOLE HUB-PILOTED,5-HAND
- 1 [FL-52M-003] TIRE/WHEEL BALANCING-LEAD FREE WEIGHTS
- 1 [FL-532-002] ADJUSTABLE STEERING COLUMN
- 1 [FL-545-657] 6575MM (259) WHEELBASE
- 1 [FL-546-1AJ] 5/16 X 3 X 10-1/8 STEEL FRAME 120,000 PSI YIELD
- 1 [FL-556-1DF] 1-PIECE 14 PTD STL 1/4 HD BUMPER JACK PROVISION
- 1 [FL-558-001] FRONT FRAME-MOUNTED TOW HOOKS
- 1 [FL-620-062] 10,000 LB. TAPERLEAF FRONT SUSPENSION
- 1 [FL-622-1GP] COMFORT TRAC 21K 52 INCH RR SPRING SUSPENSION
- 1 [FL-647-001] WHITE WINTERFRONT
- 1 [FL-66W-005] INGITION POWERED 3-POS INTERNAL DOOR CONTROL SWITCH
- 1 [FL-721-029] 112DB BACKUP ALARM
- 1 [FL-742-007] (2) CUPHOLDERS, LEFT HAND AND RIGHT HAND DASH
- 1 [FL-763-801] FASTEN SEAT BELT INDICATOR FOR CUSTOMER SUPPLIED SEAT BELT

- 1 [FL-786-998] NO POSITIONING/LOCATING SYSTEM
- 1 [FL-79A-070] 70 MPH ROAD SPEED LIMIT
- 1 [FL-810-027] ELECTRONIC SPEEDOMETER WITH SECONDARY KPH SCALE, NO ODOMETER
- 1 [FL-81Y-001] PRE/POST TRIP SYSTEM TEST
- 1 [FL-840-007] SINGLE AIR PRESSURE GAUGE FOR HYDRAULIC WITH AIR SUPPLY
- 1 [FL-84C-003] PRIMARY MODE GEARS, 5 FORWARD
- 1 [FL-84U-998] NO MODE SWITCH
- 1 [FL-864-001] TRANSMISSION OIL TEMPERATURE GAUGE
- 1 [FL-980-6MJ] CAB COLOR A:L5898EB SCHOOL BUS YELLOW ELITE BC
- 1 [FL-98A-001] GRILLE: SILVER N3388H IMRON 5000

ATTACHMENT E

Idaho Department of Environmental Quality
FY 2017 State Clean Diesel Grant Program

FISCAL YEAR 2017

STATE CLEAN DIESEL GRANT PROGRAM

WORK PLAN AND BUDGET NARRATIVE TEMPLATE

INSTRUCTIONS: States and territories applying for FY 2017 DERA State Clean Diesel Grant Program funding must use this template to prepare their Work Plan and Budget Narrative.

Please refer to the FY 2017 STATE CLEAN DIESEL PROGRAM INFORMATION GUIDE for full Program details, eligibility criteria and funding restrictions, and application instructions.

SUMMARY PAGE

Project Title: FY 2017 State Clean Diesel Grant Program

Project Manager and Contact Information

Organization Name: Idaho Department of Environmental Quality

Project Manager: G. Michael Brown

Mailing Address: 1410 N. Hilton Street, Boise ID 83706-1253

Phone: (208) 373-0232

Fax: (208) 373-0340

Email: G.Michael.Brown@deq.idaho.gov

Project Budget Overview:

	FY 2017
EPA Base Allocation	\$227,076
State or Territory Matching Funds (if applicable)	\$227,076
EPA Match Incentive (if applicable)	\$113,538
Mandatory Cost-Share	\$150,000
TOTAL Project	\$717,690
Additional Leveraged Resources	\$0

Project Period

October 1, 2017 – September 30, 2019

Summary Statement

Insert a brief paragraph that summarizes the proposed project. Please include the state webpage URL that details past DERA State Clean Diesel Program projects, if applicable.

FY2017

Diesel Emissions Reduction Act (DERA) funds allocated to the State of Idaho Department of Environmental Quality (DEQ) for the 2017 funding year will be used to continue efforts from

SBY9 related to the West Silver Valley Non-Attainment Area (WSVNAA) construction equipment located in Shoshone County, as well as the Coeur d'Alene Basin Superfund Site. As in SBY9, this project also targets city and county equipment, private business and agricultural equipment, as well as school buses throughout counties in Idaho which have been identified as target counties with regard to air quality. These counties include the following: Ada, Bonner, Canyon, Franklin, Lemhi, and Shoshone counties. With the exception of Lemhi County, these are also identified as priority counties for air quality by EPA's 2017 National Priority County List. Under SBY10, proposed retrofit installations include two vehicle replacements, 10 diesel oxidation catalysts (DOCs), 10 closed crankcase ventilators (CCV), 10 fuel operated heaters (FOH), and 20 diesel particulate filters (DPF) and will reduce diesel engine emissions of nitrogen oxides, particulate matter, carbon monoxide, hydrocarbons, and carbon dioxide. Based on EPA verified emission reduction estimation methods, Phase 10 retrofit devices and equipment replacements will reduce pollution of nitrogen oxides by 5.17 tons, particulate matter (PM_{2.5}) by 5.19 tons, hydrocarbons by 5.96 tons, carbon monoxide by 27.28 tons, and carbon dioxide by 132.1 tons over the lifetime of the vehicles serviced.

DEQ's goal first and foremost is to install retrofits according to numbers of technologies listed just above within the vehicle categories described. The DEQ, however, does recognize that the actual retrofits installed may vary with regard to location, vehicle type, and even the specific number of each retrofit technology installed, and that this variability could result in changes to the proposed emission reductions and proposed lifetime cost effectiveness values described below. Because some retrofit technologies cost more than others, a variation in the number of each technology installed could also have the consequence of changing the total number of vehicles that receive retrofits. The proposed contractual dollars however, will not change; the DEQ commits to utilizing the resources proposed within the retrofit technology types proposed.

SCOPE OF WORK

This section is a discussion of the state's or territory's plan to develop and implement grant, rebate, and/or loan programs and how these programs meet state or territory goals as they relate to the reduction of diesel emissions.

The scope of work should contain a detailed project description, including the following categories and information.

STATE/TERRITORY GOALS AND PRIORITIES: A description of the air quality within the state or territory, the quantity of air pollution produced by the diesel fleet in the state or territory, and the primary sectors (e.g. highway, marine vessels, construction equipment) that make up the state's or territory's diesel fleet (both public and private).

The project targets various areas in Idaho that are currently designated as non-attainment for PM_{2.5} (Franklin and Shoshone Counties) in addition to areas that Idaho has identified as areas of concern (i.e., areas that have concentration near the NAAQS), including Ada, Canyon, and Lemhi counties. The WSVNAA, located in Shoshone County, was designated as nonattainment for the 2012 annual PM_{2.5} NAAQS on December 4, 2014. This area also includes the Coeur

d'Alene Basin Superfund Site. A portion of Franklin County, Logan UT/ID NAA, was designated as nonattainment for the 2006 24-hour PM_{2.5} NAAQS in 2009. Ada County has been identified by EPA as an area where the population is exposed to more than 2.0 µg/m³ of diesel PM_{2.5} emissions. Idaho has identified Lemhi County as an area of concern for PM_{2.5}. The selected retrofit technologies will reduce particulate matter emissions and ozone precursor emissions in these regions of poor air quality.

The primary sectors of diesel equipment in the state and specific areas of poor air quality are school buses and construction and agricultural equipment. Each day in Idaho, 3,000 school buses transport more than 95,000 students. These buses travel approximately 23.718 million miles per year. Across 12 years of schooling, Idaho's children spend approximately 16 million hours in a school bus. Diesel school buses routinely expose children to soot (particulate matter) and smog-forming pollutants (nitrogen oxides and non-methane hydrocarbons). Exposure to diesel exhaust emissions has been shown to decrease lung function, hinder lung development, and increase mortality among those with cardiopulmonary diseases.

Since 2005, DEQ has been awarded grants to reduce diesel emissions to protect public health and meet the NAAQS. DEQ received funding through two primary sources: the EPA DERA and the Congestion Mitigation of Air Quality (CMAQ) programs.

DEQ's Diesel Emission Reduction Program (DERP) has gained acceptance among school districts previously discouraged with diesel emission reduction technologies. This was accomplished by DEQ establishing, and continuing to add to, a strong pool of successful diesel retrofit installations. DEQ has also developed a solid rapport with its contractors and pursued outreach efforts with stakeholders including City and County municipalities, private businesses, Idaho farmers, and Idaho State Department of Education transportation staff and school district transportation supervisors and superintendents.

To date, through all funding sources, Idaho has applied retrofit technologies to over 1,250 school buses statewide. Heavy duty diesel vehicles are a significant source of pollution statewide. DEQ's goal is to continue in the future to work with Idaho school districts which have not had school busses retrofitted to either continue retrofitting, or to satisfy the school districts' communicated preference to use grant monies toward school bus replacement. DEQ has also historically received EPA funding to retrofit on-road and non-road construction equipment with DOCs; we have observed successes with retrofitting refuse haulers with CCV and DOC technologies in the Treasure Valley. Our current goal is to utilize State Clean Diesel Grant funds to broaden the types of large diesel vehicle fleets we retrofit with diesel emission reduction technologies, including fleets associated with city/county municipalities, private construction and refuse hauling businesses, as well as agricultural-related vehicles within the farming community.

VEHICLES AND TECHNOLOGIES: A description of the eligibility, number, types and typical use, and ownership of vehicles, engines, and/or equipment targeted for emission reductions. Eligibility of vehicles is defined in Section VIII.B of the Program Guide. A description of all verified and/or certified technologies to be used or funded by the applicant. Eligibility of technologies is defined in Section VIII.C of the Program Guide.

VEHICLE ELIGIBILITY:

School Buses: The Salmon School District lies within Lemhi County, an area of concern for PM_{2.5}. To date, DEQ has identified eight school buses in the Salmon School District and 25 school buses in the Mountain View/Grangeville school district that potentially qualify to receive retrofits. In addition, DEQ has coordinated with school districts in each of the target counties and have received their commitment to continue the conversation about participating in DEQ DERP to receive retrofits. DEQ proposes to retrofit 10 pieces of equipment with emission control and idle reduction technologies and will also provide funding toward replacing two school buses within Idaho's target counties using SBY10 funds.

Non-road and on-road Construction Equipment: The EPA recommends the use of Green Remediation best management practices at all Superfund sites, which includes diesel emission reductions. The Coeur d'Alene Basin Superfund site also overlaps with the WSVNAA. Over 85% of the cleanup work being conducted on the Coeur d'Alene Basin Superfund Site requires the use of local contractors. DEQ is targeting those local construction companies located in Shoshone County, the WSVNAA, and conducting work for the Superfund site. This equipment is also used for other purposes throughout the WSVNAA and Shoshone County. DEQ has coordinated with EPA regarding detailed Superfund site construction companies' fleet information and have been encouraged with the potential of construction companies participating in the DEQ's DERP program. To date, DEQ has determined there are at least 18 pieces of construction equipment currently in use in the WSVNAA, and has confidence that there are many more throughout the target counties that would qualify for emission reduction technologies under this grant. DEQ proposes to retrofit eight pieces of this equipment within the target counties, six non-road and two on-road, with emission control technologies using SBY10 funds. DEQ understands that the actual vehicles which receive DERP retrofit installations may differ from those proposed, and may have a different combination of vehicles retrofitted between equipment categories and/or the number of on-road and non-road vehicles.

City and County Equipment: Based on discussions with local city and county public works departments, there are many pieces of equipment that qualify for retrofit. The Coeur d'Alene Basin Superfund group also works with the cities and counties to repair and replace roads which serve as barriers to contamination. This increases the use of the city and county equipment over typical roadway maintenance seen in other counties. DEQ has also been in coordination with other counties within Idaho's target counties and has identified vehicles which would qualify for diesel emission reduction technologies under this grant. To date, DEQ has determined that there are at least 12 pieces of equipment currently being used in the five targeted areas eligible for retrofit. DEQ proposes to retrofit eight pieces of non-road equipment with emission control technologies using SBY10 funds. DEQ understands that the actual vehicles which receive DERP retrofit installations may differ from those proposed, and may have a different combination of vehicles retrofitted between equipment categories and/or the number of on-road and non-road vehicles.

Private Business Vehicles: DEQ has coordinated with an Ada County business and determined that there are several vehicles which qualify for diesel emission reduction technologies under this grant opportunity, and for which the business is excited to participate in the State Clean Diesel

Program. A privately owned business operates landfill associated equipment at various landfills and transfer stations. To date, DEQ has determined there are at least 12 pieces of qualifying equipment currently in use in one of Idaho's target counties. In addition, DEQ believes there is substantial opportunity with private businesses within the target counties and has received a warm reception to furthering the conversation about participating in the DEQ's DERP program. DEQ proposes to retrofit three pieces of non-road equipment located within DEQ's target counties using SBY10 funds. DEQ understands that the actual vehicles which receive DERP retrofit installations may differ from those proposed, and may have a different combination of vehicles retrofitted between equipment categories and/or the number of on-road and non-road vehicles.

Agricultural Equipment: DEQ has been actively coordinating with the agricultural community located in the Idaho portion of the Logan UT/ID NAA in Franklin County, Idaho and has identified several farmers whom are anxious to participate in this grant opportunity. In addition, DEQ believes there is substantial opportunity within the agricultural community located in the target counties and has received a warm reception to furthering the conversation about participating in the DEQ's DERP program. To date, DEQ has identified at least 18 pieces of equipment which may qualify for emission reduction technologies under this grant. DEQ proposes to retrofit one piece of non-road equipment located within the target counties using SBY10 funds. DEQ understands that the actual vehicles which receive DERP retrofit installations may differ from those proposed, and may have a different combination of vehicles retrofitted between equipment categories and/or the number of on-road and non-road vehicles.

Verified and/or Certified Technologies:

Non-road and On-road Equipment: A large percentage of existing construction equipment in the WSVNAA, as well as city and county, private business, and agricultural equipment and vehicles were manufactured before clean diesel engine requirements were developed due to the inherent nature of the diesel engine and its dependability. The most appropriate technologies to apply to all of this equipment are tailpipe emission reduction technologies.

DEQ will retrofit both non-road and on-road equipment with EPA or CARB-verified DPFs and/or DOCs. Where DPFs are concerned, DEQ will carefully evaluate the current targeted fleet data to confirm the construction companies, city and county departments, private business, and the private farm have the capability to maintain the DPFs. Since the maintenance of DPFs is very different than other emission reduction technologies due to additional time and cost associated with DPF maintenance, DEQ will also contract with a diesel emissions reduction expert to develop workshops and outreach materials and conduct trainings for entities receiving the DPFs.

Ownership of all emission reduction technologies will remain with the entities that own the equipment that is being retrofitted.

ROLES AND RESPONSIBILITIES: A discussion of the roles and responsibilities of the state or territory and any other project partners, contractors, or subgrantees. State and territories

should indicate whether their Program funds will support grant, rebate, and/or loans, and provide a detailed description of their disbursement methodology. This section of the work plan should also describe any additional leveraged resources beyond any voluntary matching funds or mandatory cost-share funds included in the project budget.

DEQ will contract the outreach to targeted entities, as well as the purchase and installation of all emission and idle reduction technologies. DEQ will manage all contracts as well as also play a key role in the outreach to targeted entities by approving each proposed installation after demonstration by the contractor that proposed vehicles are indeed eligible under this grant. The entities receiving the emission and idle reduction technologies will be responsible for ensuring their vehicles are maintained per specifications and to ensure the devices remain in operation for five years.

TIMELINE AND MILESTONES: A detailed timeline for the project including milestones for specific tasks, such as subgrant or rebate program development, solicitation of project partners, making subawards, program/project implementation, procurement and installation of equipment, monitoring and oversight of projects, and reporting.

Phase 10 Timeline

<i>Task</i>	<i>Date</i>
Complete outreach and recruitment	October 2017 – August 2019
Procurement and installation of 39 emission reduction devices and two replacements	April – September 2019
Inspection of technology installation	As installations are completed through the May – September 2019 timeframe.
Process payments to contractors	Upon completion of inspections
Reports	Quarterly, submit final 90 days after Sept. 30, 2019

DERA PROGRAMMATIC PRIORITIES: A discussion of how, in providing grants, rebates, and loans under the Program, the state or territory will ensure that projects selected for funding supports the programmatic priorities as defined in Section VIII.D of the Program Guide.

Historically, the focus of the DEQ’s DERP has been to maximize public health benefits, especially by reducing the exposure of children to diesel emissions from school buses. Since DEQ has experienced success in reducing diesel emissions from school buses, the agency is broadening its focus to include construction, city and county, private business, and agricultural equipment. This type of equipment is used in every city and county and usually near populated areas. As an example, the WSVNAA in Shoshone County has a very high incidence of diesel emissions due to the construction equipment used for the Superfund Site. Shoshone County was once the richest in Idaho, and it is now the third poorest county in the state. Over 17% of the

population is at or below poverty level. The county unemployment rate in 2014 was 8.7% and underemployment rate was 12.5%.

Unemployment and poverty can be correlated with poor health and toxic environmental exposures. In the 2015 County Health Rankings from the University of Wisconsin Population Health Institute, Shoshone County fared poorly compared to other Idaho counties in health comparisons. Shoshone ranked 42nd out of 42 evaluated Idaho counties when ranked by health factors. These factors included a weighted average of four health measurements (health behaviors – 30%, clinical care – 20%, social and economic environment – 40%, physical environment – 10%). Based on a similar evaluation of health outcomes (length of life – 50% and quality of life – 50%), Shoshone County ranked 40th out of 42 Idaho counties.

The remaining target counties, while not as economically disadvantaged as Shoshone County, do experience poor air quality. The Salmon School District is an area of concern for particulate matter. All of these target counties would benefit from reductions in diesel emissions.

Phase 10

Pollutant	NO _x	PM	HC	CO	CO ₂
Lifetime Total Cost Effectiveness	\$109,858/ton	\$109,858/ton	\$95,279/ton	\$20,823/ton	\$4,300/ton

The project targets various areas in Idaho that are currently designated as non-attainment for PM_{2.5} (Franklin and Shoshone Counties). The WSVNAA, located in Shoshone County, was designated as nonattainment for the 2012 annual PM_{2.5} NAAQS on December 4, 2014. This area also includes the Coeur d’Alene Basin Superfund Site. A portion of Franklin County, Logan UT/ID NAA, was designated as nonattainment for the 2006 24-hour PM_{2.5} NAAQS in 2009. Ada and Canyon County have been identified by EPA as an area where the population is exposed to more than 2.0 µg/m³ of diesel particulate matter emissions. Idaho has identified Lemhi County as an area of concern for PM_{2.5}.

As stated above, this project will target construction equipment that is currently being used within the WSVNAA, located in Shoshone County, as well as the Coeur d’Alene Basin Superfund Site in addition to all the target counties. These target counties with the exception of Lemhi County, have been identified by EPA as among those within the 2017 National Priority County List. This project targets city and county equipment located in the Shoshone and Franklin Counties, Ada County private business equipment, and agricultural equipment in Franklin County. This project also targets school buses located in Lemhi County. Both Shoshone (the WSVNAA) and Franklin County are designated as non-attainment for PM_{2.5}, and Lemhi is an Area of Concern for PM_{2.5}. While we have highlighted specific areas in which vehicles have been identified to target, DEQ intends to seek city and county equipment, private business and agricultural equipment, as well as school buses throughout DEQ’s target counties (Ada, Bonner, Canyon, Franklin, Lemhi, and Shoshone counties).

DEQ will retrofit both non-road and on-road equipment with EPA or CARB-verified DPFs and DOCs. Where DPFs are concerned, DEQ will carefully evaluate the current targeted fleet data to confirm the construction companies, city and county departments, private businesses, and private farms have the capability to maintain the DPFs. Since the maintenance of DPFs is very different than other emission reduction technologies due to additional time and cost associated with DPF maintenance, DEQ will also contract with a diesel emissions reduction expert to develop workshops and outreach materials and conduct trainings for entities receiving the DPFs. DEQ is proposing to install DPFs on 18 non-road vehicles and two on-road vehicles. DEQ understands that the actual vehicles which receive DPF retrofit installations may differ from those proposed, and that there may ultimately be a combination of DPFs and DOCs technologies installed and reported on in the final report.

School Buses: DEQ will retrofit school buses with EPA or CARB-verified DOCs, CCVs, and FOHs. School buses targeted under this grant are required to remain in use for a minimum of five years before retirement. Under Phase 10, the installation of fuel operated heaters will reduce the amount of diesel fuel that will be used annually and is estimated to save 744 gallons of diesel fuel per year. DEQ understands that the actual number of vehicles which receive these retrofit installations may differ from those proposed, and may have a slightly different combination of DOCs, CCVs, and FOHs installed and reported on in the final report.

EPA'S STRATEGIC PLAN LINKAGE AND ANTICIPATED OUTCOMES/OUTPUTS: A description of the environmental outputs and outcomes to be achieved under the Program, as defined in Section VIII.E of the Program Guide. To estimate some of the anticipated outcomes of the award (e.g. emissions reductions), EPA encourages states and territories to use the Diesel Emissions Quantifier found at: www.epa.gov/cleandiesel/diesel-emissions-quantifier-deq.

Phase 10 will achieve significant reductions in diesel emissions in Idaho through the installation of 50 emission control devices and two vehicle replacements. The lifetime reductions based on EPA verified methods for two vehicle replacements, 10 DOCs, 10 CCVs, 10 heaters, and 20 DPFs will reduce pollution of nitrogen oxides by 5.17 tons, particulate matter (PM_{2.5}) by 5.187 tons, hydrocarbons by 5.96 tons, carbon monoxide by 27.282 tons, and carbon dioxide by 132.11 tons over the lifetime of the vehicles serviced. DEQ understands that the actual number of vehicles which receive these retrofit installations may differ from those proposed. A variation in the combination of DOCs, CCVs, and FOHs installed will necessarily result in a corresponding variation in the emission reductions observed and reported on in the final report.

DEQ is targeting areas in Idaho that have either been designated as non-attainment or Idaho has identified as areas of concern. The WSVNAA, located in Shoshone County, was designated as nonattainment for the 2012 annual PM_{2.5} NAAQS on December 4, 2014. Shoshone County also includes the Coeur d'Alene Basin Superfund Site. A portion of Franklin County, Logan UT/ID NAA, was designated as nonattainment for the 2006 24-hour PM_{2.5} NAAQS in 2009. Ada and Canyon Counties have been identified as an area where the population is an area of concern for PM_{2.5} and O₃. Idaho has identified Lemhi County as an area of concern for PM_{2.5}. The selected retrofit technologies will reduce particulate matter and ozone precursor emissions in the regions of poor air quality.

Phase 10 Outputs and Outcomes		
<i>Activities</i>	<i>Outputs</i>	<i>Outcomes</i>
Replace 2 school buses, retrofit 10 school buses, 8 construction vehicles, 8 city/county vehicles, 3 private business owner vehicles, and 1 private agricultural vehicle	Number of technologies installed = 10 DOCs, 10 CCVs, 10 FOHs, and 20 DPFs 2 New School Buses	Lifetime Emission Reductions
		5.17 tons of NO _x
		5.19 tons of PM
		5.96 tons of HC
		27.28 tons of CO
		132.11 tons of CO ₂
Retrofit 10 school buses with anti-idling technology	Total Number of hours idling reduced=2,700 hrs./yr	Annual gallons of diesel fuel saved = 744 gal/yr
Coordinate with school districts and Idaho Department of Education	Education & Outreach <ul style="list-style-type: none"> • Dissemination of project/technology information via DEQ “Clean Air Zone” newsletter and the distribution of pamphlets among the public. • DEQ will participate in Idaho’s school bus transportation annual conference to educate bus drivers and school mechanics statewide about the benefits of the diesel retrofit technologies. 	<ul style="list-style-type: none"> • Increase understanding of implemented technologies. • Widespread adoption of implemented technologies. • Increase student, district, and public awareness of the effects of diesel emissions and how they can be reduced.

SUSTAINABILITY OF THE PROGRAM: A description of the state’s or territory’s plan for sustaining the project beyond the assistance agreement period. Additionally, describe the state’s or territory’s plan for publicizing and promoting the benefits of the activities within the state or territory.

The DEQ has an active Clean Air Zone and Anti-Idling Program designed to encourage Idahoans to turn-off their engines instead of idling. The program has been active since 2004, and the agency continues to increase the number of participating businesses and communities which have joined the Clean Air Zone program. The program actively promotes businesses and municipalities promoting no-idling policies for their employees, fleet-drivers, and posting “Clean Air Zone” and “Turn Off Your Engine” signs to remind drivers of the importance to keep the air clean.

In addition to the stated goals of this project, the DEQ continues to pursue its goal that all school buses in Idaho achieve the cleanest possible diesel requirements to ensure the transportation experience is safer and healthier. An important aspect will be to continue working with school

districts which have already received diesel retrofits and monitor how well operation and maintenance requirements are being followed. DEQ's DERP is actively expanding its heavy-duty diesel emission reduction efforts into privately-held industries, as well as municipalities' diesel fleets. DEQ has also focused on outreach efforts with stakeholders including school district transportation staff and ISDE, Division of Student Transportation staff. DEQ is confident these successes will allow the DERP to expand into the city and county public works departments to begin retrofitting on-road diesel equipment. This expansion will allow the program to continue attacking the harmful emissions emitted from heavy duty diesel engines manufactured prior to the evolution of the Federal Emission Standards.

This project specifically will assist threatened airsheds and priority areas (as outlined by the EPA) in meeting NAAQs and the requirements of current implementation and maintenance plans. On-road and non-road equipment, as well as school buses, affected by this work plan will remain under ownership and control of the original equipment owner. DEQ established and will maintain a close working relationship with the stakeholders on all matters related to the emission reduction efforts.

BUDGET NARRATIVE

This section of the work plan should include a detailed itemized budget proposal (in addition to the Standard Form 424A), using the example below. Justify the expenses for each of the categories being performed within the grant/project period. Indicate which costs will be paid by the state's or territory's allocation from EPA (which would include the bonus match, if applicable) and which costs will be paid by the state's or territory's voluntary matching funds, if applicable.

Applicants must **itemize** costs related to personnel, fringe benefits, travel, equipment, supplies, contractual costs, other direct costs, indirect costs, and total costs. If the project budget includes any cost-share, mandatory or voluntary, the budget detail portion of the work plan must include a detailed description of how the applicant will obtain the cost-share and how the cost-share funding will be used.

Mandatory cost-share funds must be in the form of cash contributions to the Equipment Category. If EPA accepts an offer for a voluntary cost-share, applicants must meet their sharing commitment in order to receive EPA funding. If the proposed cost-share is to be provided by a third-party, a letter of commitment is encouraged. Any form of cost-share included in the budget detail must also be included on the SF-424 and SF-424A.

Applicants should use the following instructions, budget category descriptions and example table to complete the budget detail section of the work plan. Detailed sample budgets representing various mandatory cost-share versus state voluntary match scenarios are available at: www.epa.gov/cleandiesel/clean-diesel-state-allocations.

Itemized Project Budget

FY 2017			
Budget Category	EPA Allocation	Voluntary Match (if applicable)	Mandatory Cost-Share (if applicable)
1. Personnel	\$49,165	\$0	\$0
2. Fringe Benefits	\$21,632	\$0	\$0
3. Travel	\$2,600	\$0	\$0
4. Supplies	\$0	\$0	\$0
5. Equipment	\$0	\$0	\$0
6. Contractual	\$243,649	\$227,076	\$150,000
7. Program Income	\$0	\$0	\$0
8. Other	\$0	\$0	\$0
9. Total Direct Charges	\$317,046	\$227,076	\$150,000
10. Indirect Charges	\$23,568	\$0	\$0
Grand Total	\$340,614	\$227,076	\$150,000