

AGREEMENT

This Agreement is made and entered into this 1st day of **January, 2022**, by and between the Northern Sierra Air Quality Management District, a unified air pollution control district formed pursuant to California Health and Safety Code §40150, et seq. (the "DISTRICT"), and the Tahoe Truckee Unified School District (the "CONTRACTOR").

RECITALS:

WHEREAS, the California Clean Air Act requires local air pollution control districts to reduce emissions from motor vehicles; and

WHEREAS, AB 2766, codified in California Health and Safety Code §44223, authorizes districts to impose a fee of up to four dollars upon certain registered motor vehicles within the district, and the Governing Board of the DISTRICT has imposed said fee (\$4 per vehicle in Nevada and Plumas Counties and \$2 per vehicle in Sierra County); and

WHEREAS, said legislation requires the DISTRICT to use said funds for activities to reduce air pollution from motor vehicles and for related planning, monitoring, enforcement, and technical studies necessary for the implementation of the California Clean Air Act of 1988; and

WHEREAS, DISTRICT staff reviews proposals for eligible projects for the purpose of making funding recommendations to the Governing Board of the DISTRICT; and

WHEREAS, on **September 27, 2021**, after holding a public meeting and considering the recommendations of DISTRICT staff, the DISTRICT Board of Directors approved funding for this project; and

WHEREAS, CONTRACTOR has proposed a project that meets the eligibility criteria for funding approved by the DISTRICT, which is consistent with the goals of Health and Safety Code §44220 through §44247; and

WHEREAS, CONTRACTOR represents that it is willing and able to perform the activities set forth herein.

NOW, THEREFORE, based on their mutual promises, covenants, and conditions, the parties hereby agree as follows:

1. PROJECT

CONTRACTOR shall perform all activities and work necessary to complete the project: School bus replacement, as set forth in the proposal, which is attached hereto and incorporated herein as Exhibit A. CONTRACTOR agrees to furnish all labor, materials, equipment, licenses, permits, fees, and other incidentals necessary to perform and complete, in a professional, the services described herein. CONTRACTOR represents that CONTRACTOR has the expertise necessary to adequately perform the project specified in said Exhibit A.

In the event of any conflict between or among the terms and conditions of this Agreement, the exhibits incorporated herein, and the documents referred to and incorporated herein, such conflict shall be resolved by giving precedence in the following order of priority:

1. The text of this Agreement;
2. Exhibit A to this Agreement; and
3. The "AB 2766 DMV Surcharge Fund Program RFP" prepared by the DISTRICT and dated **September 3, 2021** and
4. The "AB 2766 DMV Surcharge Fund Program Project Guidance.

2. PERIOD OF PERFORMANCE/TIMETABLE

CONTRACTOR shall commence performance of work and produce all work product in accordance with the work schedule and deadlines for performance identified in Exhibit A, which is attached hereto and incorporated herein, unless this Agreement is terminated sooner as provided for elsewhere in this Agreement. In addition, the CONTRACTOR shall make arrangements with the DISTRICT to receive Project Guidance training from the DISTRICT for any CONTRACTOR's Program Manager assigned to the project during the term of the Agreement.

The CONTRACTOR shall submit regular progress reports, at intervals set forth in the Project Guidance or as otherwise requested by the DISTRICT, detailing the work performed during the current reporting period; work planned for the next reporting period; problems identified, solved, and the percentage of each task completed. CONTRACTOR shall provide DISTRICT with a comprehensive final written report prior to final reimbursement payment. Said final report shall be complete and shall document the work

performed under this Agreement, the emissions reduction achieved (if applicable), as calculated using the methodologies and format required by the DISTRICT and shall report all co-funding and in-kind contributions actually received.

3. COMPENSATION

In no event shall the total obligation of the DISTRICT under this Agreement exceed **\$75,000 for Exhibit A**. Compensation shall be for work completed in accordance with this agreement, starting **January 1, 2022**, and continuing through the term of this agreement, ending **December 31, 2022**.

CONTRACTOR shall obtain through other sources sufficient additional monies (co-funding) to fund the total cost of the project as outlined in Exhibit A. Satisfactory written evidence of such funding commitments shall be provided to DISTRICT prior to the release by DISTRICT of any funds under this Agreement, with the exception of user fee revenue. In the event funding from other sources for the balance of the cost of the project, as outlined in Exhibit A, is not received by CONTRACTOR, DISTRICT reserves the right to terminate or renegotiate this Agreement. In that event, if requested by the DISTRICT, CONTRACTOR shall return any DISTRICT funds advanced. All co-funding and in-kind contributions must be documented as they are received, in accordance with generally accepted accounting principles. The value assigned to in-kind contributions must be consistent with the market value of the goods or service being donated. Co-funding in the form of fee revenue must be documented as it is received (e.g. receipts log for cash), in accordance with generally accepted accounting principles. Fee revenue should normally be used to offset operating expenses or otherwise accrued per the proposal.

A. PAYMENTS: Advance payments shall not be permitted. The DISTRICT shall reimburse CONTRACTOR monthly (or quarterly), in arrears, after receipt of a reimbursement request that includes all documentation necessary to verify expenses were incurred, in compliance with the requirements listed in the *Project Guidance*, and the DISTRICT has approved payment. Reimbursement requests shall be mailed to Northern Sierra Air Quality Management District, Attention: Joe Fish.

Payment shall be made to CONTRACTOR by the DISTRICT upon submission and

evaluation of the CONTRACTOR'S invoice, documentation, and period report. Said invoice shall set forth the work completed pursuant to this Agreement, broken down by work tasks, in compliance with the *Project Guidance*. Allowable expenditures under this Agreement are specifically established and included in Exhibit A attached hereto and incorporated herein.

Upon receipt of proper documentation, and verification that CONTRACTOR has satisfactorily completed the work agreed to and for which compensation is sought, DISTRICT will issue payment to CONTRACTOR within thirty (30) calendar days.

The amount to be paid to CONTRACTOR under this Agreement includes all sales and use taxes incurred pursuant to this Agreement, if any. The CONTRACTOR shall not receive additional compensation for reimbursement of such taxes and shall not decrease work to compensate therefore.

Concurrently with the submission of any invoice for payment, CONTRACTOR shall certify (by providing copies of invoices issued, checks, receipts, or other documentation) that complete payment has been made to any and all subcontractors conducting any portion of the work of this contract.

No administrative costs are to be reimbursed for the work performed. Administrative costs must be borne by outside source funding or provided as "in-kind" contributions. Administrative costs, as used herein, are defined as overhead costs (e.g. salaries and benefits, and services and supplies of the administrative officer(s), legal personnel, maintenance and finance departments; of the governing body; and some secretarial support) that are **NOT** chargeable directly to a specific project or program or operating function, but are charged proportionately to the department or functions that do directly charge to a project or program. Indirect costs include administrative costs. Thus, direct costs for labor charged to a project must not include a portion that is administrative as defined above.

It is understood that all expenses incidental to CONTRACTOR'S performance of services under this Agreement shall be borne exclusively by CONTRACTOR.

B. Surplus Funds: Any compensation which is not expended by CONTRACTOR pursuant to the terms and conditions of this Agreement by the project completion date shall automatically revert to the DISTRICT. Only expenditures incurred

by the CONTRACTOR in the direct performance of this Agreement will be reimbursed by the DISTRICT. Allowable expenditures under this Agreement are specifically established and included in Exhibit A, attached hereto and incorporated herein.

4. NON-ALLOCATION OF FUNDS

The terms of this Agreement and the services to be provided thereunder are contingent on the approval of funds by the appropriating government agency. Should sufficient funds not be allocated, the services provided may be modified or this Agreement terminated at any time by giving the CONTRACTOR thirty (30) days' prior written notice.

5. INDEPENDENT CONTRACTOR

In performance of the work, duties, and obligations assumed by CONTRACTOR under this Agreement, it is mutually understood and agreed that CONTRACTOR, including any and all of CONTRACTOR'S officers, agents, and employees, will at all times be acting and performing as an independent contractor and shall act in an independent capacity and not as an officer, agent, servant, employee, joint venturer, partner, or associate of the DISTRICT. Furthermore, DISTRICT shall have no right to control or supervise or direct the manner or method by which CONTRACTOR shall perform its work and function. However, DISTRICT shall retain the right to administer this Agreement so as to verify that CONTRACTOR is performing its obligations in accordance with the terms and conditions thereof.

Because of its status as an independent contractor, CONTRACTOR shall have absolutely no right to employment rights and benefits available to DISTRICT employees. CONTRACTOR shall be solely liable and responsible for providing to, or on behalf of, itself and save DISTRICT harmless from all matters relative to payment of CONTRACTOR'S employees, including compliance with Social Security, withholding, and all other regulations governing such matters. It is acknowledged that during the term of this Agreement, CONTRACTOR may be providing services to others unrelated to the DISTRICT or to this Agreement.

6. COMPLIANCE WITH ALL LAWS CONTRACTOR and DISTRICT shall comply with all applicable provisions of law and the rules and regulations, if any, of governmental authorities having jurisdiction over the matters which are the subject of this agreement, and contractors shall maintain all necessary permits or licenses for the duration of this agreement.

7. TERMINATION

A. Breach of Agreement: The DISTRICT may immediately suspend or terminate this Agreement, in whole or in part, where in the determination of the DISTRICT there is:

1. An illegal or improper use of funds;
2. A failure to comply with any term of this Agreement;
3. A substantially incorrect or incomplete report submitted to the DISTRICT; or
4. Improperly performed services.

In no event shall any payment by the DISTRICT constitute a waiver by the DISTRICT of any breach of this Agreement or any default which may then exist on the part of the CONTRACTOR. Nor shall such payment impair or prejudice any remedy available to the DISTRICT with respect to the breach or default. The DISTRICT shall have the right to demand of the CONTRACTOR the repayment to the DISTRICT of any funds disbursed to the CONTRACTOR under this Agreement which in the judgment of the DISTRICT were not expended in accordance with the terms of this Agreement. The CONTRACTOR shall promptly refund any such funds upon demand.

In addition to immediate suspension or termination, DISTRICT may impose any other remedies available at law, in equity, or otherwise specified in this Agreement.

B. Without Cause: Either party may terminate this Agreement at any time upon giving the other party at least thirty (30) days' advance, written notice of intention to terminate. In such case, the CONTRACTOR shall, subject to paragraph 3, be paid the reasonable value of all services satisfactorily rendered and actual, reasonable costs incurred up to the time of the termination. Upon such termination, all the work product produced by CONTRACTOR shall be promptly delivered to the DISTRICT.

8. MODIFICATION

Any matters of this Agreement may be modified from time to time by the written consent of all the parties.

9. NON-ASSIGNMENT

Neither party shall assign, transfer, or subcontract this Agreement, nor their rights or duties under this Agreement, without the prior, express, written consent of the other party. CONTRACTOR shall provide a written request to the DISTRICT for consent on any such changes described above. Contractor shall provide to the DISTRICT as much advance notice on developments related to such changes described above as is reasonably possible.

10. INDEMNIFICATION

CONTRACTOR agrees to indemnify, save, hold harmless, and at DISTRICT'S request, defend the DISTRICT, its boards, committees, representatives, officers, agents, and employees from and against any and all damages, liabilities, claims, and losses (whether in contract, tort, or strict liability, including, but not limited to, personal injury, death, and property damage) occurring or resulting to DISTRICT which arise from any negligent or wrongful acts or omissions of CONTRACTOR, its officers, agents, subcontractors, or employees in their performance of this Agreement, and from any and all damages, liabilities, claims, and losses (whether in contract, tort, or strict liability, including, but not limited to, personal injury, death, and property damage), occurring or resulting to any person, firm, corporation, or entity who may be injured or damaged when such injury or damage arises from any negligent or wrongful acts, or omissions of CONTRACTOR, its officers, agents, subcontractors, or employees in their performance of this Agreement.

11. INSURANCE

A. Without limiting the DISTRICT'S right to indemnification from CONTRACTOR or any third parties, CONTRACTOR, at its sole expense, shall maintain in full force and effect the following insurance policies throughout the term of this Agreement:

1. Commercial general liability insurance with minimum limits of coverage in the amount of One Million Dollars (\$1,000,000) per occurrence;
2. Commercial automobile liability insurance which covers bodily injury and property damage with a combined single limit with minimum limits of coverage in the amount of One Million Dollars (\$1,000,000) per occurrence;
3. Workers compensation insurance in accordance with California law.

B. Such insurance policies shall name the DISTRICT, its officers, agents, and employees, individually and collectively, as additional insured (except worker's compensation insurance). Such coverage for additional insured shall apply as primary insurance, and any other insurance maintained by the DISTRICT, its officers, agents, and employees, shall be excess only and not contributing with insurance provided under the CONTRACTOR'S policies herein. This insurance shall not be canceled or changed without a minimum of thirty (30) days' advance, written notice given to the DISTRICT.

C. Prior to the commencement of performing its obligations under this Agreement, CONTRACTOR shall provide certificates of insurance on the foregoing policies, as required herein, to the DISTRICT, showing that the coverage meets all of the requirements described above.

D. In the event CONTRACTOR fails to keep in effect at all times insurance coverage as herein provided, the DISTRICT may, in addition to other remedies it may have, suspend or terminate this Agreement upon the occurrence of such event.

E. If the CONTRACTOR is a government entity, then it may self-insure such of those risks identified above under the same terms and conditions set forth above.

12. AUDITS AND INSPECTIONS

CONTRACTOR shall keep full books and records relating to work required by this contract. CONTRACTOR shall at any time during regular business hours, and as often as DISTRICT may deem necessary, make available to DISTRICT for examination all of its records and data with respect to the matters covered by this Agreement. CONTRACTOR shall, and upon request by DISTRICT, permit DISTRICT to audit and inspect all of such

records and data necessary to ensure CONTRACTOR'S compliance with the terms of this Agreement.

CONTRACTOR shall be subject to an audit by DISTRICT or its authorized representative to determine if the revenues received by CONTRACTOR were spent for the reduction of air pollution as provided in AB 2766 and to determine whether said funds were utilized as provided by law and this Agreement. If, after audit, DISTRICT makes a determination that funds provided CONTRACTOR pursuant to this Agreement were not spent in conformance with this Agreement, or AB 2766 or any other applicable provisions of law, CONTRACTOR agrees to immediately reimburse to DISTRICT all funds determined to have been expended not in conformance with said provisions.

Contractor shall be subject to the examination and audit of the Auditor General for a period of three (3) years after final payment under contract (Government Code §10532).

13. NOTICES

The persons and their addresses having authority to give and receive notices under this agreement are as follows:

CONTRACTOR	DISTRICT
Tahoe Truckee Unified School District	Northern Sierra AQMD
Attn: Tony Lavezzo	Attn: Gretchen Bennitt, Executive Director
12485 Joerger Drive	200 Litton Drive, Suite 320
Truckee, CA 96161	Grass Valley, CA 95945

Any and all notices between the DISTRICT and the CONTRACTOR provided for or permitted under this Agreement or by law shall be in writing and shall be deemed duly served when personally delivered to one of the parties, or in lieu of such personal services, when deposited in the United States mail, postage prepaid, addressed to such party.

14. POLITICAL ACTIVITY PROHIBITED

None of the funds, materials, property, or services provided under this Agreement shall be used for any political activity, or to further the election or defeat of any candidate for public office contrary to federal or state laws, statutes, regulations, rules, or guidelines.

15. LOBBYING PROHIBITED

None of the funds provided under this Agreement shall be used for publicity, lobbying, or propaganda purposes designed to support or defeat legislation before the Congress of the United States of America or the Legislature of the State of California or any local agency.

16. CONFLICT OF INTEREST

No officer, employee, or agent of the DISTRICT shall have any direct or indirect personal financial interest in this Agreement. CONTRACTOR shall comply with all federal and state conflict of interest laws, statutes, and regulations, which shall be applicable to all parties and beneficiaries under this Agreement and any officer, agent, or employee of the DISTRICT.

17. GOVERNING LAW

This Agreement shall be governed in all respects by the laws of the State of California. Venue for any action arising out of this Agreement shall only be in Nevada County, California.

18. BINDING ON SUCCESSORS

This Agreement, including all covenants and conditions contained herein, shall be binding upon and inure to the benefit of the parties, including their respective successors-in-interest, assigns, and legal representatives.

19. TIME IS OF THE ESSENCE

It is understood that for CONTRACTOR'S performance under this Agreement, time is of the essence. The parties reasonably anticipate that CONTRACTOR will, to the reasonable satisfaction of the DISTRICT, complete all activities provided herein within the time schedule outlined in the attachments to this Agreement, provided that CONTRACTOR is not caused unreasonable delay in such performance.

20. DATA OWNERSHIP

Upon termination or expiration of this Agreement, all data which is received, collected, produced, or developed by CONTRACTOR shall be delivered to the DISTRICT.

Contractor shall be allowed to retain a copy of any non-confidential data received, collected, produced, or developed by CONTRACTOR under this Agreement subject to the DISTRICT'S exclusive ownership rights stated herein. Accordingly, CONTRACTOR shall, if requested, surrender to DISTRICT all such data which is in its possession (including its subcontractors, or agents), without any reservation of right of title, not otherwise enumerated herein.

DISTRICT shall have the right at reasonable times during the term of this Agreement to inspect and reproduce any data received, collected, produced, or developed by CONTRACTOR under this Agreement. No reports, professional papers, information, inventions, improvements, discoveries, or data obtained, prepared, assembled, or developed by the CONTRACTOR, pursuant to this Agreement, shall be released or made available (except to the DISTRICT) without prior, express written approval of the DISTRICT while this Agreement is in force.

21. NO THIRD-PARTY BENEFICIARIES

Notwithstanding anything else stated to the contrary herein, it is understood that CONTRACTOR'S services and activities under this Agreement are being rendered only for the benefit of DISTRICT, and no other person, firm, corporation, or entity shall be deemed an intended third-party beneficiary of this Agreement. All third party involvement shall relate to a bona fide air quality benefit, otherwise, the third party must be a co-funder, contributing at least a proportionate value for the benefit they are receiving.

22. OWNERSHIP OF EMISSIONS REDUCTIONS

All emissions reductions achieved by the project are the property of the DISTRICT. The CONTRACTOR has no legal rights to any emissions reductions credits that may be generated as a result of the project. Emissions reductions from funded projects are not transferable and may not be used as emissions offsets.

23. CONTRACTOR'S REPRESENTATION

CONTRACTOR shall present proof of license to do business in the state of California or provide other certification proving the contractor is a legal business entity. Proof shall also be provided showing that the person signing the agreement on behalf of

the CONTRACTOR is duly authorized to enter into a binding legal agreement.

24. SEVERABILITY

In the event that any one or more of the provisions contained in this Agreement shall for any reason be held to be unenforceable in any respect by a court of competent jurisdiction, such holding shall not affect any other provisions of this Agreement, and the Agreement shall then be construed as if such unenforceable provisions are not a part hereof.

25. ENTIRE AGREEMENT

This Agreement constitutes the entire agreement between the CONTRACTOR and DISTRICT with respect to the subject matter hereof and supersedes all previous negotiations, proposals, commitments, writings, advertisements, publications, and understandings of any nature whatsoever unless expressly included in this Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed as of the day and year first herein above written.

CONTRACTOR:
Tahoe Truckee Unified School District

By: 

Signing Authority

Todd Rivera, Exec. Dir. of Business

Print Name and Title (Signing Authority)

Date: 11/5/2021

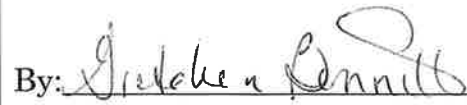
Tax I.D. No. 94-6003109

DISTRICT:
Northern Sierra AQMD

By: 

Sherrie Thrall, Chair

Date: 10 Jan 22

By: 

Gretchen Bennett, Executive Director

Date: Jan 13, 2022

EXHIBIT SUMMARY SHEET

Proposing Entity (include other participating entities): Tahoe Truckee Unified School District

Contact Person: Tony Lavezzo

Address: 12485 Joerger Dr., Truckee, CA 96161

Phone #: (530) 550-0776

FAX #: (530) 550-0739

EMAIL: tlavezzo@ttusd.org

Total Project Budget:

	AB 2766 Funds	Co-Funding	Total Project Costs
Capital Costs	<u>\$ 75,000.00</u>	<u>\$ 81,777.18</u>	<u>\$ 156,777.18</u>
Operating Costs	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>
TOTAL	<u>\$ 75,000.00</u>	<u>\$ 81,777.18</u>	<u>\$ 156,777.18</u>

Type of Project: (check one)

- Quantifiable Project
- Reduced Emission Vehicles Project

Implementation Area for Project: Check if District-wide

Describe the Implementation Area for the Project (e.g. city, county, region): Bus will be operated in the Town of Truckee, Nevada County and the surrounding area.

Estimated Emission Reductions:

- A. Emission Reductions (lbs. /yr.)
 - Reactive Organic Gases 313.79 Nitrogen Oxides 1049.72 PM₁₀ 23.21
- B. Vehicle Miles Traveled (VMT) Reduced 0
 - Single Occupancy Vehicle Trips Reduced 0
- C. Number of people reached per day through public education _____

Cost-effectiveness: \$ 4.39 per pound (AB 2766 Funds Only)

Brief Project Description:

Replace one older school bus with a new bus that employs a NOx and PM emission control system.

REQUEST FOR PROPOSAL CONTENTS CHECKLIST

Applicant: Tahoe Truckee Unified School District

Please complete and attach this checklist with your application.

Exhibit Summary Sheet - page 1

Request for Proposal Contents Checklist - page 2

Authorization Letter/Resolution - page 3

Project Description - page 4

Project Organization/Background - page 5

Emissions Benefits/Cost-Effectiveness - page 6

Work Statement - page 9

Funding Request/Breakdown of Cost – page 9

Schedule of Deliverables/Monitoring - page 10

All Pages Numbered

Three Copies of Proposal Plus One Original

(CHECK ONE ONLY)

Quantifiable Project

- OR -

Reduced Emission Vehicles Project



District Office
Carmen Diaz Ghysels

11603 Donner Pass Rd
Truckee, CA
96161-4953
P (530) 582-2500
F (530) 582-7606
www.ttusd.org

Board of Trustees
Kim Szcurek

Kirsten Livak

Cristina Hennessey

Gaylan Larson

Dianna Driller

Elementary Schools

Donner Trail
Elementary
Glenshire Elementary
Kings Beach
Elementary
Tahoe Lake
Elementary
Truckee Elementary

Middle Schools

Alder Creek Middle
North Tahoe School
5-8

High Schools

Cold Stream
Alternative
North Tahoe High
Sierra High
Tahoe Truckee High

June 30, 2021

Northern Sierra Air Quality Management District
PO Box 2509
Grass Valley, CA 95945

Dear Northern Sierra Air Quality Management District,

The following individual(s) are authorized to a proposal on behalf of Tahoe Truckee Unified School District:

Project Managers for the Proposal:

Nanette Rondeau
Director of Transportation
12485 Joerger Rd
Truckee, CA 96161
(530) 550-0745 or nrondeau@ttusd.org

Tony Lavezzo
Fleet Manager
12485 Joerger Rd
Truckee, CA 96161
(530) 550-0763 or (530) 550-0745 or tlavezzo@ttusd.org

Authorized Signees of the Proposal:

Todd Rivera
Executive Director of Fiscal Services
11603 Donner Pass Rd
Truckee, CA 96161
(530) 582-2541 or trivera@ttusd.org

Carmen Diaz Ghysels
Superintendent Chief Learning Officer
11603 Donner Pass Rd
Truckee, CA 96161
(530) 582-2550 or cghysels@ttusd.org

Signature: *Carmen Diaz Ghysels* Date: JUL - 1 2021
Carmen Diaz Ghysels
Superintendent Chief Learning Officer



Project Description

The objective of the Low NOx School Bus Replacement project is to replace an older diesel school bus with a newer school bus that has a NOx and PM emission control device. The older diesel school bus, like the one outlined in the project, can only be retrofitted for the control of PM emissions not NOx. NOx is harmful atmospheric pollutant known for contributing to smog and acid rain. The only way to reduce the NOx created by the school bus in question is to replace it with a new school bus that will employ NOx controlling technology.

This project would take a 1999 diesel school bus off the road and replace it with a 2010 or newer diesel school bus that would employ the latest NOx and PM control strategies. The new diesel school bus will exceed 2010 NOx control requirements for heavy duty diesel vehicles. With the replacement of the older school bus, it would lower the NOx and PM emissions created in the region. This would ensure less exposure to children at school sites and less exposure to residents throughout the community.

Project Organization/Background

Tahoe Truckee Unified School District (TTUSD):

The Tahoe Truckee Unified School District Transportation Department provides transportation to over 3,000 students covering over 400,000 miles a year. The fleet of 35 vehicles operates from Kingvale on Donner Summit to Hirschdale on Highway 80 towards Reno, from Tahoma on the Westshore of Lake Tahoe to Prosser on the North end of Highway 89.

The District is actively working towards reducing the impact of diesel emissions within the Tahoe Truckee School District community. Buses are replaced with the newest, cleanest, diesel technology when district funds are available, or the district applies for grants when funds are not available. In the past, TTUSD has been awarded funding for the replacement multiple buses with new low NOx buses. For the buses that did not qualify for grant replacement, TTUSD has maintained its fleet of buses in compliance with PM controlling retrofits that do not control NOx. The next step for a cleaner fleet is to replace the older retrofitted buses with newer buses that employ NOx controlling SCR technology.

This proposal is to replace one transit school bus with a more versatile conventional special needs school bus that will employ the latest NOx and PM emissions control technology. TTUSD will purchase the bus through Buswest. Below is information on Buswest, the company we have selected.

Buswest:

Buswest is a transportation dealer-distributor serving the education, government, public sector, commercial and private fleet markets with a broad portfolio of bus solutions. Buswest Specializes in Thomas Built Buses (TBB) and offer a full range of new and used buses. From the largest to the smallest, wheelchair access/ADA compliant and more. All Buswest school buses are rigorously tested to make sure they meet or exceed all Federal and State safety standards. Buswest is part of the Velocity Vehicle Group and has multiple sales and service locations serving California, Arizona, Nevada, and Hawaii.

Accounting:

Buswest will provide a single invoice for the vehicle, taxes, and any other fees or options. The invoice will be recorded through the normal Tahoe Truckee Unified School District accounting management system, as required. Grant funds will be received by TTUSD in a onetime lump sum payment and put towards the total cost of the purchase. The remaining balance will be paid by TTUSD.

Emissions Benefits/Cost Effectiveness

Under this proposal, one school bus will be replaced with a new diesel school bus that will employ the latest NOx and PM control strategies. This system will provide a very substantial drop in NOx emissions. The calculations for these reductions are listed below. In addition to NOx reductions, the system on the new buses will lower PM emissions by over 85 percent. This is critical to the drivers, students, and communities in which the buses operate because currently no NOx emission control strategy available for the bus must be replaced.

Due to the lower speeds of school bus routes the *Methods to Find the Cost-Effectiveness of Funding Air Quality Projects – 2020 Edition table 1: Diesel Bus Emissions Factors* do not give accurate emissions factors. The following calculations will be based on the California Executive Order for the vehicle to be replaced and the new vehicle. The information below includes both engines and the Executive Order will be attached in the technical appendices:

1999 Thomas Westcoast-ER

EO: A-13-119-1

EPA Engine Family: **WCPXH0442HSK**

Horsepower: **300 bhp**

PM: **0.10 g/bhp-hr**

NMHC (ROG): **1.3 g/bhp-hr**

NOx: **4.0 g/bhp-hr**

2021 Thomas C2*

EO: G-19-095**

EPA Engine Family: **KCEXH0408BAT****

Horsepower: **260 bhp**

PM: **0.02 g/bhp-hr**

NMHC (ROG): **.21 g/bhp-hr**

NOx: **.30 g/bhp-hr**

Engine hours:

Engine hours are captured from our Zonar GPS tracking system that is installed on all TTUSD’s vehicles. Due to the 2020/2021 COVID shutdown a three-year average will be used for all calculations.

Asset	First Power On	Last Power Off	Ending Hour Meter	Elapsed Hours
24	1/04/2017 9:47am	11/24/2020 1:38pm	5465.8	1699

*Bus model and/or year may change depending on availability. Any bus ordered will meet same specifications as bus listed in this RFP

**Engine family number may change depending on manufacturer availability. Any bus ordered will meet or exceed emission factors stated in this RFP

Emissions Benefits/Cost Effectiveness *(continued)***Vehicle to be Replaced Emissions Calculation**

Annual NMHC (ROG) in Grams = (NMHC x Annual Hours) x Horsepower

$$368,940\text{g} = (1.3 \times 424.75) \times 300$$

Annual NMHC (ROG) in Grams ÷ Grams to Lbs. conversion factor = Annual NMHC in lbs.

$$165,360\text{g} \div 454 = 364.87 \text{ lbs.}$$

Annual NOx in Grams = (NOx x Annual Hours) x Horsepower

$$1,135,200\text{g} = (4 \times 424.75) \times 300$$

Annual NOx in Grams ÷ Grams to Lbs. conversion factor = Annual NOx in Lbs.

$$509,701.26\text{g} \div 454 = 1122.69 \text{ lbs.}$$

Annual PM in Grams = (PM x Annual Hours) x Horsepower

$$28,380\text{g} = (.10 \times 424.75) \times 300$$

Annual PM in Grams ÷ Grams to Lbs. conversion factor = Annual PM in Lbs.

$$12,743.78\text{g} \div 454 = 28.07 \text{ lbs.}$$

Total Emissions Per Year Old Vehicle	
ROG:	364.87 lbs.
NOx:	1122.69 lbs.
PM:	28.07 lbs.
Total Emissions:	1515.63 lbs.

New Vehicle Emissions Calculation

Annual NMHC (ROG) in Grams = (NMHC x Annual Hours) x Horsepower

$$59,598\text{g} = (.21 \times 424.75) \times 260$$

Annual NMHC (ROG) in Grams ÷ Grams to Lbs. conversion factor = Annual NMHC in lbs.

$$23,191.35\text{g} \div 454 = 51.08 \text{ lbs.}$$

Annual NOx in Grams = (NOx x Annual Hours) x Horsepower

$$85,140\text{g} = (.30 \times 424.75) \times 260$$

Annual NOx in Grams ÷ Grams to Lbs. conversion factor = Annual NOx in lbs.

$$33,130.5\text{g} \div 454 = 72.97 \text{ lbs.}$$

Annual PM in Grams = (PM x Annual Hours) x Horsepower

$$5,676\text{g} = (.02 \times 424.75) \times 260$$

Annual PM in Grams ÷ Grams to Lbs. conversion factor = Annual PM in lbs.

$$2,208.7\text{g} \div 454 = 4.86\text{lbs.}$$

Total Emissions Per Year New Vehicle	
ROG:	51.08 lbs.
NOx:	72.97 lbs.
PM:	4.86 lbs.
Total Emissions:	128.91 lbs.

Emissions Benefits/Cost Effectiveness *(continued)*

Total Emissions Reductions Per Year	
ROG:	313.79 lbs.
NOx:	1049.72 lbs.
PM:	23.21lbs.
Total Emissions Reduction:	1366.87 lbs.

Cost Effectiveness/ Capitol Recovery

Project Cost	
AB 2766 Funds:	\$75,000.00
TTUSD Contribution:	\$81,777.18
Total cost of Project:	\$156,777.18

To calculate the cost effectiveness of this project the amount of funds requested will be multiplied by the capitol recovery factor of .08 and then divided by the total amount of pollutants reduced. The capitol recovery factor of .08 is used because the minimum useful life of the vehicle to be purchased is 15 years.

$$(AB\ 2766\ Funds \times\ Capitol\ recovery\ Factor) \div Total\ emission\ reduction = Cost\ per\ Pound$$

$$(75,000 \times .08) \div 1366.87 = 4.39$$

Totals

AB Funds Requested:	\$75,000.00
Emissions Reduced:	1366.87 lbs.
Cost Per Pound Reduced:	\$4.39

Work Statement

January 2022 Upon grant execution, TTUSD will begin the process to have the purchase of a new bus approved by TTUSD school board.

February 2022 Place order with Buswest for one new school bus.

July 2022 On or before July 2018, take delivery of one new school bus. Once delivered TTUSD will invite NSAQMD to inspect the bus and a decal stating the funding source for the bus will be applied at this time.

Funding Request/Breakdown of Cost

Tahoe Truckee Unified School District is requesting \$75,000.00 in AB 2766 funds to purchase a 2010 or newer school bus. The specifications and quote are attached in the technical appendices. This project does not have any administrative costs. The following table shows a breakdown of cost and cofunding sources.

Project Cost	
AB 2766 Funds:	\$75,000.00
TTUSD Contribution:	\$81,777.18
Total cost of Project:	\$156,777.18

Schedule of Deliverables/Monitoring Program

Vehicle Delivery

On or before July 2022 TTUSD will take delivery of one new school bus. Once delivered TTUSD will invite NSAQMD to inspect the bus and a decal stating the funding source for the bus will be applied at this time. Any delay in delivery of the new school bus will be communicated to NSAQMD via email.

Monitoring Program

Upon delivery of the new bus TTUSD will start to track the annual operating hours and mileage. TTUSD will report the mileage, hours and overall performance of the unit after the first, fifth and seventh year of operation. TTUSD will operate the new vehicle, at minimum, the same number of hours and miles as the vehicle it was intended to replace. Reports of operating data will be available at the request of the NSAQMD.

Technical Appendices

<u>Table of Contents</u>	<u>Page</u>
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Buswest Sales Quote	iii
New Vehicle Engine Executive Order	iv
Old Vehicle Engine Executive Order	vii

Annual hour meter report for bus to be replaced

GPS Engine Hours Summary Report - From: 1/1/2017 To: 1/1/2021

Filters

Note: This Report Requires GPS Firmware Version 2.94 or Newer
Report by: 11/11/2021
Page 1

ASSET	FIRST POWER ON	LAST POWER OFF	ZONE	ENDING HOUR METER	ELAPSED HOURS
24	01/04/2017 07:09:47	11/24/2020 07:29:51	Combined Totals	5465.8	1699

Bus West Sales Quote



Bid Form

June 21, 2019

Customer Order No.: SBBC 07519

Honorable Board of Trustees
 Tahoe Truckee Unified School District
 12485 Joerger Dr
 Truckee, Ca 96161

BusWest respectfully submits for your consideration our bid to supply 1 complete 42/6 var passenger school bus as follows:

Chassis Make: Freightliner	Model: B2 106	Model Year: 2019
Wheelbase: 219"	Engine: Cummins ISB	Horsepower: 260
Body Make: Thomas	Model: Saf-T-Liner C2	Capacity: 42/6 var
Transmission: Allison 2500 PTS		

Delivery Date: 180-210 Days after receipt of order

Subject to Prior Sale: No

Cash Purchase Price (each):	\$ 136,239.00	Tax Exempt: \$	21,681.00
Doc Fee:	\$ 65.00	Taxable: \$	114,623.00
Sales Tax @: 8.250%	\$ 9,456.40		
CA. Tire Tax: \$1.75 ea. tire	\$ 10.50		
Total	\$ 145,770.90		

We have examined the detailed minimum specifications established by the school board and guarantee this bid to be in accordance thereto. Above price includes all dealer prep., pre-delivery service, necessary lettering, F.O.B. school district and documentation fee.

 Brian Hedman, Sales Representative


Quote is good for thirty (30) days

Quote No.: 345163

Carson - Main Headquarters
 21107 South Chico St. Carson, CA. 90745
 Sales Toll Free: (800) 458-9199 Main: (310) 984-3900 Fax: (310) 984-3996
 Parts Toll Free: (866) 707-7800 Fax: (310) 984-3994
www.buswest.com

Sacramento
 210 North East St., Woodland, CA. 95776
 Main: (424) 210-3020
Fresno
 4337 North Goldenstate Ste#101, Fresno, CA. 93609
 Main: (559) 277-0118

New Vehicle Engine Executive Order

 CALIFORNIA AIR RESOURCES BOARD	CUMMINS INC.	EXECUTIVE ORDER A-021-0891-1 New On-Road Heavy-Duty Engine Page 1 of 2 Pages
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Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-19-095;

IT IS ORDERED AND RESOLVED: The engine and emission control systems produced by the manufacturer are certified as described below for use in on-road motor vehicles with a manufacturer's GVWR over 14,000 pounds. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	ENGINE SIZE ¹ (L)	FUEL TYPE ¹	STANDARDS & TEST PROCEDURE	INTENDED SERVICE CLASS ²	ECS & SPECIAL FEATURES ³	DIAGNOSTIC ⁴
2019	KCEXH0408BAT	6.7	Diesel	Diesel	MHDD	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	OBD(\$)
PRIMARY ENGINE'S IDLE EMISSIONS CONTROL ⁵		ADDITIONAL IDLE EMISSIONS CONTROL ⁵					
30g		N/A					
ENGINE (L)	ENGINE MODELS / CODES (rated power, in hp)						
6.7	See attachment for engine models and ratings						
¹ not applicable: GVWR=gross vehicle weight rating; 13 CCR size=Title 13, California Code of Regulations, Section xyz; 40 CFR 88 abc=Title 40, Code of Federal Regulations, Section 88 abc; L=liter; hp=horsepower; kw=kilowatt; hr=hour; ² CNG/LNG=compressed/liquefied natural gas; LPG=liquefied petroleum gas; E85=85% ethanol fuel; MF=multi fuel a.k.a. BF=bi fuel; DF=dual fuel; FF=flexible fuel; ³ L/MH/HDD=light/medium/heavy heavy-duty diesel; UB=urban bus; HDD=heavy duty OVI; ⁴ ECS=emission control system; TWC/O2C=three-way/oxidizing catalyst; NAC=NOx adsorption catalyst; SCR-U / SCR-N=selective catalytic reduction - urea / - ammonia; WU (prefix) =warm-up catalyst; DPF=diesel particulate filter; PTOX=periodic trap oxidizer; HO2S/O2S=heated/oxygen sensor; HAFS/AFS=heated/air-fuel-ratio sensor (a.k.a. universal of linear oxygen sensor); TBI=throttle body fuel injection; SFI/MFI=sequential/multi port fuel injection; DGI=direct gasoline injection; GCARB=gaseous carburetor; IDI/DDI=indirect/direct diesel injection; TCASD=turbo super charger; CAC=charge air cooler; EGR / EGR-C=exhaust gas recirculation / cooled EGR; PAIR/AIR=pulsed/secondary air injection; SPL=smoke puff limiter; ECM/PCM=engine/powertrain control module; EM=engine modification; 2 (prefix)=parallel; (2) (suffix)=in series; ⁵ ESS=engine shutdown system (per 13 CCR 1956.8(a)(6)(A)(1)); 30g=30 g/hr NOx (per 13 CCR 1956.8(a)(6)(C)); APS=internal combustion auxiliary power system; ALT=alternative method (per 13 CCR 1956.8(a)(8)(D)); Exempt=exempted per 13 CCR 1956.8(a)(6)(B) or for CNG/LNG fuel systems; N/A=not applicable (e.g., Otto engines and vehicles); ⁶ END=engine manufacturer diagnostic system (13 CCR 1971); OBD(F) / (P) / (B)=full / partial / partial with a fine / on-board diagnostic.							

Following are: 1) the FTP exhaust emission standards, or family emission limit(s) as applicable, under 13 CCR 1956.8; 2) the SET and NTE limits under the applicable California exhaust emission standards and test procedures for heavy-duty diesel engines and vehicles (Test Procedures); and 3) the corresponding certification levels, for this engine family. "Diesel" CO, SET and NTE certification compliance may have been demonstrated by the manufacturer as provided under the applicable Test Procedures in lieu of testing. (For flexible- and dual-fueled engines, the CERT values in brackets [] are those when tested on conventional test fuel. For multi-fueled engines, the STD and CERT values for default operation permitted in 13 CCR 1956.8 are in parentheses.).⁴

In g/bhp-hr	NMHC		NOx		NMHC+NOx		CO		PM		HCHO	
	FTP	SET	FTP	SET	FTP	SET	FTP	SET	FTP	SET	FTP	SET
STD	0.14	0.14	0.20	0.20	*	*	15.5	15.5	0.01	0.01	*	*
CERT	0.03	0.02	0.15	0.10	*	*	0.04	0.01	0.001	0.001	*	*
NTE	0.21		0.30		*		19.4		0.02		*	

⁴ g/bhp-hr=grams per brake horsepower-hour; FTP=Federal Test Procedure; SET=Supplemental emissions testing; NTE=Not-to-Exceed; STD=standard or emission test cap; FEL=family emission limit; CERT=certification level; NMHC=non-methane hydrocarbon; NOx=oxides of nitrogen; CO=carbon monoxide; PM=particulate matter; HCHO=formaldehyde.

BE IT FURTHER RESOLVED: The manufacturer has demonstrated compliance with the Greenhouse Gas Emission Standards as specified in Title 13 CCR 1956.8 and the incorporated "California Exhaust Emission Standards and Test Procedures for 2004 and Subsequent Model Heavy Duty Diesel-Engines and Vehicles" (HDDE Test Procedures) adopted December 12, 2002, as last amended December 19, 2018 using the 2014 model year National Heavy-Duty Engine and Vehicle Greenhouse Gas Program as specified in Section 1038.108 of the HDDE Test Procedures. The manufacturer has submitted the required information and therefore has met the criteria necessary to receive a California Executive Order based on the Environmental Protection Agency's Certificate of Conformity for the above listed engine family.

In g/bhp-hr	EPA CERTIFICATE OF CONFORMITY				PRIMARY INTENDED SERVICE CLASS	
	KCEXH0408BAT-011				TRACTOR / VOCATIONAL	
	CO ₂				CH ₄	N ₂ O
	FTP	SET	FTP	SET		
STD	576	487	0.10	0.10		
FCL	528	494	*	*		
FEL	544	509	0.10	0.10		
CERT	525	488	0.02	0.08		

⁴ g/bhp-hr=grams per brake horsepower-hour; FTP=Federal Test Procedure; SET=Supplemental emissions testing; STD=standard or emission test cap; FEL=family emission limit; FCL=family certification level; CERT=certification level; CO₂=carbon dioxide; CH₄=methane; N₂O=nitrous oxide; VOCATIONAL=vocational engine; TRACTOR=tractor engine.

New Vehicle Engine Executive Order

R/c
 EOH: A-021-0691-1
 Attachment: Page 2 of 3
 8/28/2019

Engine Model Summary Template

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm ³ /stroke @ peak HP (for diesel only)	5.Fuel Rate: @ peak HP (for diesel only)	6.Torque @ RPM (SAE Gross)	7.Fuel Rate: mm ³ /stroke@peak torque	8.Fuel Rate: (bathr)/@peak torque	9.Emission Control Device Per SAE J1939
CEXH0408BAT	4660:FR94746	86.7 360	360@2600	146	128	800@1800	148	90	SCRC, PTOX, PI
CEXH0408BAT	4660:FR96706	86.7 360ST	360@2600	146	128	800@1800	148	90	SCRC, PTOX, PI
CEXH0409BAT	4660:FR94745	86.7 340	340@2600	138	121	700@1600	134	73	SCRC, PTOX, PI
CEXH0408BAT	4660:FR96705	86.7 340ST	340@2600	138	121	700@1800	134	73	SCRC, PTOX, PI
CEXH0408BAT	4660:FR94744	86.7 325	315@2600	127	112	750@1800	143	67	SCRC, PTOX, PI
CEXH0409BAT	4660:FR96704	86.7 325ST	315@2600	127	112	750@1800	143	67	SCRC, PTOX, PI
CEXH0409BAT	4660:FR94743	86.7 300	300@2600	121	106	660@1800	125	67	SCRC, PTOX, PI
CEXH0408BAT	4661:FR94749	86.7 300	300@2600	121	106	660@1800	125	67	SCRC, PTOX, PI
CEXH0409BAT	4660:FR94741	86.7 280	270@2600	109	96	660@1800	125	67	SCRC, PTOX, PI
CEXH0409BAT	4661:FR94742	86.7 280	270@2600	109	96	660@1800	125	67	SCRC, PTOX, PI
CEXH0408BAT	4569:FR94736	86.7 260	250@2600	109	96	660@1600	122	66	SCRC, PTOX, PI
CEXH0409BAT	4570:FR94739	86.7 260	250@2600	109	96	660@1800	122	66	SCRC, PTOX, PI
CEXH0409BAT	4559:FR94735	86.7 250	245@2600	107	94	660@1600	122	66	SCRC, PTOX, PI
CEXH0409BAT	4570:FR94737	86.7 250	245@2600	107	94	660@1800	122	66	SCRC, PTOX, PI
CEXH0409BAT	4569:FR94734	86.7 240	235@2600	103	90	560@1800	104	56	SCRC, PTOX, PI
CEXH0408BAT	4570:FR94735	86.7 240	235@2600	103	90	560@1600	104	56	SCRC, PTOX, PI
CEXH0408BAT	4559:FR94733	86.7 220	215@2600	95	83	520@1800	97	52	SCRC, PTOX, PI
CEXH0409BAT	4560:FR95098	86.7 220	215@2600	95	83	600@1800	111	60	SCRC, PTOX, PI
CEXH0409BAT	4570:FR94748	86.7 220	215@2600	95	83	520@1600	97	52	SCRC, PTOX, PI
CEXH0408BAT	4570:FR95099	86.7 220	215@2600	95	83	600@1600	111	60	SCRC, PTOX, PI
CEXH0409BAT	4559:FR94732	86.7 200	195@2600	87	76	520@1800	97	52	SCRC, PTOX, PI
CEXH0409BAT	4570:FR94747	86.7 200	195@2600	87	76	520@1600	97	52	SCRC, PTOX, PI
CEXH0409BAT	4660:FR94749	PX-7 369	360@2600	146	128	800@1800	148	90	SCRC, PTOX, PI
CEXH0408BAT	4660:FR99700	PX-7 360ST	360@2600	146	128	800@1800	148	90	SCRC, PTOX, PI
CEXH0409BAT	4660:FR94745	PX-7 340	340@2600	138	121	700@1600	134	73	SCRC, PTOX, PI
CEXH0409BAT	4660:FR96705	PX-7 340ST	340@2600	138	121	700@1600	134	73	SCRC, PTOX, PI
CEXH0409BAT	4660:FR94744	PX-7 325	315@2600	127	112	750@1800	143	67	SCRC, PTOX, PI
CEXH0408BAT	4660:FR96704	PX-7 325ST	315@2600	127	112	750@1800	143	67	SCRC, PTOX, PI

DOT, TC, CAC,
 ECM, EGR, OC,
 PTOX, SCR-U,
 AMOX

New Vehicle Engine Executive Order

R/K

EO#: A-021-0691-1

Attachment: Page 3 of 3

8/28/2019

Engine Model Summary Template

Engine Family	1.Engine Code	2.Engine Model	4 Fuel Rate:		5.Fuel Rate		7.Fuel Ratio:		8.Fuel Ratio:		9 Emission Control
			3.BHP@RPM (SAE Gross)	mm/stroke @ peak HP (for diesel only)	mm/stroke @ peak HP (for diesel only)	mm/stroke @ peak HP (for diesel only)	mm/stroke @ peak HP (for diesel only)	mm/stroke @ peak HP (for diesel only)	mm/stroke @ peak HP (for diesel only)	mm/stroke @ peak HP (for diesel only)	
KCEXH0408BAY	4880,FR94741	PX-7 280 EV	270@2800	109	96	880@1600	125	67			SCR, PTOX, PC
KCEXH0408BAT	4566,FR94738	PX-7 260 EV	250@2800	109	98	880@1600	122	68			SCR, PTOX, PC
KCEXH0408BAY											

DDL, TC, CAC,
ECM, EGR,
OC, PTOX, SCR-4,
Amax

Old Vehicle Engine Executive Order

(Page 1 of 2)

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-13-119-1

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

CATERPILLAR, INC

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102 and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the following 1998 model-year Caterpillar, Inc. diesel-cycle engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Fuel Type: Diesel

<u>Engine Family</u>	<u>Engine Displacement Liters (Cubic Inches)</u>	<u>Exhaust Emission Control Systems and Special Features</u>
WCPXH0442HSK	7.1 (442)	Turbocharger Charge Air Cooler Engine Control Module

Engine models and codes are listed on attachments.

The following are the certification exhaust emission standards for this engine family in grams per brake horsepower-hour:

<u>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>
1.3	15.5	4.0	0.10

The following are the certification exhaust emission values for this engine family in grams per brake horsepower-hour:

<u>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>
0.9	1.4	3.9	0.08

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Old Vehicle Engine Executive Order

CATERPILLAR, INC.

EXECUTIVE ORDER A-13-119-1
(Page 2 of 2)


BE IT FURTHER RESOLVED: That the aforementioned engine family has been conditionally certified subject to the following conditions:

1. Any engine which employs a defeat device shall not be covered by this Executive Order.
2. Within 120 days following the issuance of Executive Order A-13-119, the manufacturer must show cause, to the satisfaction of the Executive Officer or his designee, that the strategy for fuel injection timing, including timing during the fuel economy mode, is not a defeat device.

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

Executed at El Monte, California this 25th day of February 1998.



R. B. Summerfield, Chief
Mobile Source Operations Division



TAHOE TRUCKEE
UNIFIED SCHOOL DISTRICT

PATHWAYS TO POSSIBILITIES AND STUDENT SUCCESS

District Office

Carmen Diaz Ghysels
Superintendent
Chief Learning Officer
11603 Donner Pass Rd
Truckee, CA 96161-4953
P (530) 582-2500
F (530) 582-7606
www.ttusd.org

Board of Trustees

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Elementary Schools

Donner Trail Elementary
Glenshire Elementary
Kings Beach Elementary
Tahoe Lake Elementary
Truckee Elementary

Middle Schools

Alder Creek Middle
North Tahoe School 5-8

High Schools

Cold Stream Alternative
North Tahoe High
Sierra High
Tahoe Truckee High

*An Equal Opportunity
Employer*

Tony Lavezzo
Tahoe Truckee Unified School District
12485 Joerger Dr.
Truckee, CA 96161

February 18, 2022

NSAQMD
200 Litton Dr., Suite 320
Grass Valley, CA 95945

Dear Gretchen Bennitt:

Tahoe Truckee Unified School District is requesting an Addendum added to Grant Agreement AB 2022-02. Currently, Grant Agreement AB 2022-02 is for \$75,000 towards the purchase of a 42 passenger 260hp School Bus. This vehicle, due to our current routes, staffing and student ridership, does not have the capacity adequately service our District's current needs.

Our District is requesting an addendum added to Grant Agreement AB 2022-02 that would allow \$75,000 of grant funding towards a 300hp 84 passenger school bus. In conversation with Mellissa Klundby at NSAQMD this change would not change the cost effectiveness of the project. All remaining costs after the \$75,000 would be covered by Tahoe Truckee Unified School District.

Sincerely,



Tony Lavezzo
Supervisor Fleet Maintenance

AB2022-02 Addendum 1

Quote Number 345163 for a 42 Passenger 260hp Thomas C2 will be removed from Grant Agreement AB2022-02 and replaced with Quote Number 371439 for an 84 passenger 300hp Thomas HDX. Grant funding will remain at \$75,000 and all additional costs will be paid by Tahoe Truckee Unified School District.



Bid Form

February 2, 2022

Customer Order No.: SBBH 08413

Honorable Board of Trustees
Tahoe Truckee Unified School District
12485 Joerger Dr
Truckee, Ca 96161

BusWest respectfully submits for your consideration our bid to supply 1 complete 84 passenger school bus as follows:

Chassis Make: Thomas	Model: CHSY	Model Year: 2023
Wheelbase: 277"	Engine: Cummins ISL	Horsepower: 300
Body Make: Thomas	Model: Saf-T-Liner HDX	Capacity: 84

Transmission: Allison 3000 PTS R

Delivery Date: 180-210 Days after receipt of order

Subject to Prior Sale: No

Cash Purchase Price (each):	\$ 184,662.00
Doc Fee:	\$ 85.00
Sales Tax @: 8.250%	\$ 15,241.63
CA. Tire Tax: \$1.75 ea. tire	\$ 10.50

Total	\$ 199,999.13
--------------	----------------------

We have examined the detailed minimum specifications established by the school board and guarantee this bid to be in accordance thereto. Above price includes all dealer prep., pre-delivery service, necessary lettering, F.O.B. school district and documentation fee.

Brian Hedman, Sales Representative

Quote is good for thirty (30) days

Quote No.: 371439

Carson – Main Headquarters

21107 South Chico St. Carson, CA. 90745
Sales Toll Free: (800) 458-9199 Main : (310) 984-3900 Fax: (310) 984 -3996
Parts Toll Free: (866) 707-7800 Fax: (310) 984-3994
www.buswest.com

Sacramento

210 North East St., Woodland, CA. 95776
Main: (424) 210-3020

Fresno

4337 North Goldenstate Ste#101, Fresno, CA 93609
Main: (559) 277-0118



Customer Quotation

Prepared For:
 Tahoe Truckee Unified School District
 12485 Joerger Dr
 Truckee, Ca 96161

Prepared By :
 BusWest
 21107 S. Chico St.
 Carson, CA 90745

Quote Number:
 371439

Quote Date:
 2/02/2022

Customer Order No:
 SBBH 08413

Model Profile: Saf-T-Liner HDX 141YS

Product Type: School Transportation
Year: 2023
Chassis Model: CHSY
Chassis MFG: THOS
GVWR: 37,600
Passenger Capacity: 84
Headroom: 78
Wheelbase: 277
Brake Type: AIR W/REAR AIR SUSPENSION (23K
Engine Type: CUMMINS L9 300 DIESEL, 6 Cyl, 300 HP, 2200 RPM
Fuel Type: DIESEL
Fuel Tank Capacity: 100
Transmission Type: ALLISON 3000 PTS TRANSMISSION W/RETARDER-CUM ISL-300 2013
Axle, Front: 14600-lb Capacity
Axle, Rear: 23000-lb Capacity
Tires, Front: MICHELIN 12R22.5 16(H) PLY XZE LRH
Tires, Rear: MICHELIN 12R22.5 16(H) PLY XZE LRH
Suspension Front: Spring
Suspension Rear : HENDRICKSON "COMFORT AIR" SINGLE AXLE AIR SUSPENSION-23K AXL

**Detailed Specification Attached*

Options Included in this Quote:

- Automatic Tire Chains
- 4-Head Gatekeeper Camera System
- Zonar Z Pass
- Dash Drains

CUSTOMER ORDER APPROVAL

Customer Signature:** _____

Date: _____

New bus(es) Info:

Name on bus: _____

Bus Number(s): _____ CA Number: _____

**** I have reviewed the quote detail for accuracy and I agree to order the bus(es) as listed.**

Includes the Following Equipment:**BODY****ACCESSORIES**

- 1 DRIVER'S STORAGE BOX LOCATED OVER DRIVER'S WINDOW (HDX)
- 1 SUN VISOR - CALIFORNIA
- 1 PROP ROD - ACCESS DOOR ABOVE WINDSHIELD
- 1 LUGGAGE COMPARTMENT-THROUGH DELUXE-125"

CERTIFICATION/SAFETY

- 1 FIRE EXTINGUISHER - 5 LB.
- 1 KIT - FIRST AID, 24 UNIT, COMPLIES W/CALIFORNIA STATE SPECS
- 1 KIT - BODY FLUID CLEAN-UP, COMPLIES W/NAT MINIMUM STANDARDS
- 1 REFLECTORIZED TRIANGLES-(3) ON DRIVER'S COMPARTMENT FLOOR
- 1 CROSSVIEW MIRROR INCLUDED IN REARVIEW MIRROR ASSEMBLY
- 1 ROSCO INTEGRATED STYLE - REMOTE CONTROL HEATED MIRROR
- 1 SIGN-STOP,ELECTRIC LED REAR SE1-7970
- 1 SPECIAL DATA LABEL(S) - CALIFORNIA
- 1 LABEL - U.S. CERTIFICATION
- 1 APPLICATION - SCHOOL
- 1 LABEL-GHG CERTIFICATION ENGLISH

DOORS

- 1 EXTERIOR DOOR HANDLE
- 1 141Y28_LG-24-S000_RI-24-S000
- 1 24" SIDE EMERGENCY DOOR LS
- 1 SIDE EMERGENCY DOOR - RIGHT SIDE, CENTER, 78" HEADROOM
- 1 VANDALOCK - AIR-OPERATED OUTWARD OPENING ENTRANCE DOOR
- 2 VANDALOCK - SIDE EMERGENCY DOOR WITH INTERLOCK & BARREL BOLT
- 1 VANDALOCK - REAR PUSHOUT WINDOW, WITH DAVENPORT SHELF
- 1 STRAP HINGES - SIDE EMERGENCY DOOR, RIGHT SIDE (B5155)
- 1 STRAP HINGES - SIDE EMERGENCY DOOR, LEFT SIDE (B5155)
- 1 STEPWELL GUARD (HDX)

ELECTRICAL - BODY

- 1 PASSENGER ADVISORY-AUDIBLE/VISIBLE 360" AROUND
- 1 TWO(2)DEFROSTER FANS MOUNTED OVER CENTER WINDSHIELD
- 1 BACKING ALARM - 87-112DB
- 1 PRE-WIRE FOR CUSTOMER INSTALLED 2-WAY RADIO/VIDEO CAMERA
- 1 GPS - ZONAR SYSTEM, HDX
- 1 PREMIUM SPEAKERS - EIGHT (8)
- 1 RADIO - AM/FM DEA700 DELPHI, TRANSIT W/PAGE
- 1 BREAKERS - MANUAL RESET
- 1 COURTESY LIGHT - EXTERIOR ELECTRICAL ACCESS DOOR
- 1 COMPARTMENT LIGHTS(6)-125" THROUGH,DELUXE COMPART
- 2 PILOT LIGHT/BUZZER
- 1 LED DOME LIGHTS
- 1 DOME LIGHTS WIRED TO BATTERY
- 1 LED DRIVER'S DOME LIGHT
- 1 DOME LIGHT SWITCH
- 1 STEP LIGHT SWITCH (IGNITION ON)
- 1 LIGHT-LED STEPWELL - HDX
- 1 7" LED DIRECTIONAL LIGHTS - FRONT
- 1 LAMPS-STOP/TAIL/DIRECTIONAL AMBER/REVERSE LED
- 1 LAMPS-STOP/TAIL 4"FLUSH-MOUNT LED
- 1 LAMPS-4" BACKUP LED
- 1 LAMPS-LICENSE PLATE ILLUMINATION LED - ONE (1)
- 1 SIDE DIRECTIONAL-LED AMBER TURN,REAR OF FTRON WHEEL
- 1 SIDE DIRECTIONAL-LED AMBER TURN,CENTER REAR WHEEL
- 1 EXTENDED LENGTH WARNING LIGHT VISORS (CALIFORNIA)
- 1 STROBE LGT(S) OPERATIONS W/IGNITION&SWITCH
- 1 LED WARNING LIGHTS - FOUR (4) AMBER AND FOUR (4) RED LENS
- 1 HALOGEN 8-LIGHT WARNING SYSTEM
- 1 ID LAMPS - LED
- 1 MARKER LAMPS - LED
- 1 MID-MARKER LAMPS - LED
- 1 CLUSTER/MARKER LIGHTS SWITCH - CONNECTED TO BATTERY
- 1 STROBE LIGHT CLEAR, CENTERED OVER REAR AXLE

- 1 NOISE SUPPRESSION SWITCH
- 1 STATIC VENT FRONT - TRANSIT, STANDARD
- 1 BATTERY HOLD DOWN BRACKET - STANDARD 3 BATTERY
- 1 BATTERY BOX - STANDARD

EXTERIOR

- 1 AIR HORN - BENEATH FLOOR
- 1 COVER LOCK
- 1 LOCK - BATTERY BOX DOOR
- 1 20 GAUGE SMOOTH SIDE SHEETS
- 1 BRACKET - MOUNTING, LICENSE PLATE, FRONT
- 1 SEALING, EXTERIOR JOINT EDGE
- 1 MUD FLAPS - FRONT, RUBBER, 15"W WITH LOGO
- 1 REAR RUBBER MUD FLAPS 22.5W W/LOGO
- 1 BUMPER - REAR, ANTI-RIDE
- 1 FENDERETTES - FOUR (4)

HVAC

- 1 HEATER 15,000 BTU - DRIVER'S COMPARTMENT
- 1 CONSTANT TORQUE CLAMPS - STANDARD HEATER
- 1 HEATER SHUT-OFF VALVES - BALL TYPE - ENGINE COMPARTMENT
- 1 50,000 BTU HEATER - 8TH SECTION LEFT SIDE
- 1 50,000 BTU HEATER - 13TH SECTION LEFT SIDE
- 1 SERIES HEATER CONNECTION - REAR HEATERS TWO(2)
- 1 PLUMBING AT SIDE DOOR WITH PLYWOOD FLOOR
- 1 CONSTANT TORQUE CLAMPS - TWO (2) REAR UNDERSEAT HEATERS
- 1 GATES GREEN STRIPE HOSE-FRONT CENTER HEATER
- 1 SIDE DOOR RAMP OVER HEATER HOSE

INTERIOR

- 1 FLOOR STEP NOSING W/STAINLESS STEEL BACK-YELLOW,FRT ENTRANCE
- 1 STEP TREAD,KOROSEAL,BLACK,WHITE NOSING,DP STEP,METALLIC
- 1 ENTRANCE DOOR STEPWELL - 15" DEEP FIRST STEP
- 1 STAINLESS STEEL AISLE STRIPS
- 1 BLACK KOROSEAL FLOOR COVERING WITH 13" CENTER AISLE
- 1 PLYWOOD FLOOR - 5/8" THICKNESS
- 1 MIRROR - INTERIOR 6" X 30" BACK UP CAMERA
- 1 78" HEADROOM
- 1 ACOUSTIC HEADLINING - COMPLETE WITH POLYESTER INSULATION
- 1 BODY ADJUSTMENT-INTEG LAP&SHLD DAVEN F/DIESEL ENGINE - HDX

MISC

- 1 PDI IDENTIFIER-DEALER PERFORMED
- 1 BODY ADJUSTMENT-HDX 2010 EPA
- 1 BODY ADJUSTMENT-HDX 2013 EPA
- 1 SAF-T-LINER HDX

PAINT/LETTERING

- 1 DECAL-UNITED AUTO WORKERS
- 1 FRONT HOOD PAINTED YELLOW - SAF-T-LINER
- 1 PAINT STANDARD SASH FLAT BLACK
- 1 DELETE BLACK EYES
- 1 DECAL - ENGINE DOOR "STOP WHEN RED"
- 1 LABEL-APPROVED FUEL INSTRUCTIONS
- 1 LABEL - DIESEL EXHAUST FLUID (DEF) - ENGLISH
- 1 LABEL - 2010 EPA EXHAUST REGENERATION - ENGLISH
- 1 YELLOW "SCHOOL BUS" SIGN - FRONT HOOD
- 1 YELLOW "SCHOOL BUS" SIGN - REAR HOOD
- 2 YELLOW REFLEXITE - PERIMETER OF EMERG DOOR, 24" W (78" HR)
- 1 YELLOW REFLEXITE - PERIMETER OF REAR PUSHOUT WINDOW
- 1 REFLECTIVE TAPE-ROOF HATCH WHITE(2)
- 1 TUFFCOAT - ENTRANCE DOOR STEPWELL
- 1 PAINT-EXTERIOR ROOF WHITE 6"
- 1 PAINT-EXT WDO AREA SAME AS BODY
- 1 PAINT-EXT GRD RAIL @ WINDOW BLACK
- 1 PAINT-EXT GRD RAIL @ SEAT BLACK
- 1 PAINT-EXT GRD RAIL @ FLOOR BLACK
- 1 PAINT-EXT GRD RAIL @ SKRT BLACK
- 1 PAINT-EXT BUMPERS FRT/RR BLACK

- 1 PAINT-SOLID COLOR YELLOW

SEATS

- 1 ELR SHOULDER BELT/ALR LAP BELT FOR DRIVER
- 1 KICK PLATE/MODESTY PANEL-39"VERT, WALL-MTD BARRIER,RT SIDE
- 1 KICK PLATE/MODESTY PANEL-39"VERT, WALL-MTD BARRIER,LT SIDE
- 1 ASSIST RAIL YELLOW RIGHT SIDE
- 1 ASSIST RAIL BARRIER YELLOW LS HDX
- 1 39" BARR-VERT,WALL MT 45"H RS 2009
- 1 39"8DEG BARR-REV. WALL-MT 45"H 2009
- 2 COLONIAL BLUE UPHOLSTERY-45"HIGH RECESSED BARRIER
- 1 BACK-NATIONAL DRV'S SEAT
- 1 ARMREST NATIONAL DRVR'S ST. BOTH SIDES
- 1 UPH DR.ST.FABRIC BLK NATIONAL
- 1 PEDESTAL-NATIONAL AIR W/2 SHOCKS
- 1 COVER PEDASTAL NATIONAL NONE
- 1 SLIDE STOP NATIONAL DR.ST. NONE
- 1 RETAINER NATIONAL DR.ST.BELT
- 1 POUCH-DR.ST.STORAGE NONE
- 1 RISER-DRIVERS SEAT, NATIONAL NONE
- 26 42 OZ COLONIAL BLUE UPHOLSTERY - S3C PASSENGER SEAT
- 1 42 OZ COL BLUE UPH - S3C DAVENPORT
- 11 S3C 39"LS FLEXIBLE 3/2 WALL MOUNT
- 1 S3C 39"LS FLEXIBLE 3/2 FLOOR MOUNT
- 11 S3C 39"RS 3/2 FLEXIBLE WALL MOUNT
- 1 S3C 39"RS 3/2 FLEXIBLE FLOOR MOUNT
- 1 S3C 39"LS 3/2 FLEXIBLE FLIP SEAT
- 1 S3C 39"/39" FLEXIBLE 3/2 DAVENPORT
- 1 S3C 39"RS 3/2 FLEXIBLE FLIP SEAT
- 22 S3C WALL MOUNT HARDWARE - TRANSIT
- 2 S3C FLOOR MOUNT HARDWARE - TRANSIT
- 2 S3C FLIP SEAT HARDWARE - TRANSIT

WINDOWS/GLASS

- 1 TINTED TEMPERED GLASS - COMPLETE
- 1 TINTED TEMPERED GLASS-DRIVER'S WINDOW, BLK FINISH WIND FRAME
- 1 TINTED WINDSHIEDL WITH 5" BAND FOR MVP-ER, ER TRANSIT
- 24 TINT TEMP GLASS-COMP (28.5")
- 2 TINT TEMP GLASS-COMP(28.5")+10
- 1 WINDOW STOPS (12")

OTHER

- 1 2019 CUMMINS ENGINE TARIFF
- 1 WARRANTY-CARB EXTENDED TYPE D
- 1 SURCHARGE-RAW MATERIAL (STEEL)
- 1 POWER OUTLET - (2) USB TYPE D
- 1 HATCH-RF ESC SPEC ADVANTAGE H1976-025-111 ENGLISH GRAY (2)
- 2 LABEL-CLEAN IDLE
- 1 MODEL YEAR 2022

CHASSIS

AXLES AND SUSPENSIONS

- 1 DET FRONT AXLE - 14,600 LB. VERSUS STANDARD
- 1 AXLE - REAR, DANA 22060S, 4.88 RATIO
- 1 SYNTHETIC LUBE STD W/AXLE
- 1 SYNTHETIC LUBE STANDARD W/FRONT AXLE
- 1 FRONT SUSPENSION CAPACITY - 14,600 LB.
- 1 HENDRICKSON "COMFORT AIR" SINGLE AXLE AIR SUSPENSION-23K AXL

BRAKES

- 1 ANTILOCK BRAKES - MERITOR/WABCO (HDX)
- 1 AIR ANTI-LOCK DISC BRAKES
- 1 ELECTRONIC STABILITY CONTROL - HDX
- 1 PARKING BRAKE INTERLOCK

CHASSIS EQUIPMENT

- 1 REMOTE AIR RESERVOIR DRAINS - LEFT SIDE
- 1 ADJUSTABLE PEDAL SYSTEM - HDX
- 1 100 GALLON FUEL TANK, BETWEEN THE RAILS, RIGHT HAND FILL

- 1 CHASSIS FRAME RAIL - HIGH STRENGTH (110KSI) HDX (277"WB)
- 1 TOW HOOKS, FRONT - TWO (2)

ELECTRICAL - CHASSIS

- 1 LEECE-NEVILLE 270 AMP ALTERNATOR- PAD MOUNTED - HDX
- 1 TRIPLE 12-VOLT GROUP 31 BATTERIES - HDX
- 1 CIRCUIT BREAKERS-MANUAL RESET - HDX
- 1 AMMETER, 300 AMP, DASH-MOUNTED (HDX)
- 1 SOLID STATE ELECTRONIC FLASHER FOR HAZARD LIGHTS

ENGINE AND EQUIPMENT

- 1 AIR DRYER - BENDIX AD9 WITH HEATER - HDX
- 1 EXHAUST BRAKE NONE
- 1 CRUISE CONTROL - HDX (CUM ISL)
- 1 VEHICLE SPEED LIMITING(70 MILES PER HOUR SETTING)
- 1 6' BLOCK HEATER ELECTRIC CORD - FRONT/REAR RECEPTACLE
- 1 BLOCK HEATER - HDX (CUM ISL)
- 1 CUMMINS L9-300 ENGINE (HDX) 2013 EPA
- 1 MULTI-FUNCTION GAUGE-REAR PANEL HDX

TRANSMISSION AND EQUIPMENT

- 1 ALLISON 3000 PTS TRANSMISSION W/RETARDER-CUM ISL-300 2013
- 1 6 SPEED SHIFT CONTROL - 3000R PTS
- 1 HAND CONTROL VALVE FOR RETARDER - HDX
- 1 ALLISON FUEL SENSE - NONE

WHEELS AND TIRES

- 6 MICHELIN 12R22.5 16(H) PLY XZE LRH
- 6 DISC WHEEL-8.25X22.5,5H YELLOW
- 1 HUB-PILOTED WHEEL EQUIPMENT - 23K (HDX)

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

DISTRICT HEADQUARTERS

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NORTHERN FIELD OFFICE

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email: Julie@myairdistrict.com or www.myairdistrict.com

March 9, 2022

Tony Lavezzo
Tahoe Truckee Unified School District
12485 Joerger Dr.
Truckee, CA 96161

Dear Tony,

Please note that the Northern Sierra Air Quality Management District Board approved your District's request for an addendum to Grant Agreement AB 2022-02. Your agreement is hereby amended to allow for the purchase of a 300hp, 84 passenger school bus. This amendment was approved at the Board meeting of February 28th, 2022.

Melissa Klundby, APCS II



NSAQMD
AB 2766 Grant Administrator