

APPENDIX D-4
Beneficiary Eligible Mitigation Action Certification

BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

Beneficiary Mohegan Tribe of Indians of Connecticut (MTIC)

Lead Agency Authorized to Act on Behalf of the Beneficiary **Mohegan Environmental Protection Department (MEPD)** *(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:	Shuttle Bus Replacement
Beneficiary's Project ID:	2017-01
Funding Request No.	<i>(sequential)</i> 2017-02
Request Type: (select one or more)	Reimbursement <input checked="" type="checkbox"/> <u>Advance</u> Other (specify): _____
Payment to be made to: (select one or more)	Beneficiary <input checked="" type="checkbox"/> Other (specify): Mohegan Tribal Gaming Authority
Funding Request & Direction (Attachment A)	<input checked="" type="checkbox"/> Attached to Certification To be Provided Separately

SUMMARY

Eligible Mitigation Action	<input checked="" type="checkbox"/> Appendix D-2 item (specify): <u>Class 4-6 Shuttle or Transit Bus</u>
Action Type	Item 10 - DERA Option (5.2.12) (specify and attach DERA Proposal):
Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):	Replace one 2006 (Bus # 31) diesel transit bus with a new 2019 Ford F550 diesel, class 6 bus BUS #31 VIN # 1BAGNBXA76F239409
Estimate of Anticipated NOx Reductions (5.2.3):	See emission worksheet attached as Attachment D NMHC + NOx = 2.9 grams/break hp/hr
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):	Jean E. Mcinnis, Mohegan Environmental Protection Administrator. Mohegan Environmental Protection Department
Describe how the Beneficiary will make documentation publicly available (5.2.7.2).	Notices on website (www.mohegantribalgov.org) & notice in tribal newspaper of the availability of documents.
Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8).	Mohegan Transportation Department pays any overage to the allocated amount received as recipient of the 2019 Ford F550 replacement vehicle. Cost share is \$6983 which is 6%.
Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).	Provided copies of the Trust Agreement with attachments to DOI, DOA, USFWS, BIA, EPA & NAMC

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).

See attached worksheet calculations as Attachment D for approximate emissions reduction

ATTACHMENTS
(CHECK BOX IF ATTACHED)

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

CERTIFICATIONS

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

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

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

DATED: Feb. 1, 2019

Jean E. McInnis
Environmental Protection
Administrator

Mohegan Environmental Protection
[LEAD AGENCY] Department

for

Mohegan Tribe of Indians of
[BENEFICIARY]
Connecticut

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

PROJECT MANAGEMENT PLAN
PROJECT SCHEDULE AND MILESTONES

Milestone	Date
Lead Agency Provides Notice of Availability of Mitigation Action Funds	1-4-19
Project Sponsor Submits Proposal to Lead Agency	1-24-19
Lead Agency Provides Written Approval of Project Sponsor's Proposal	1-30-19
Lead Agency Incorporates Project Sponsor's Proposal into Mitigation Plan	1-31-19
Trustee Acknowledges Receipt of Project Certification and Funding Direction	4-30-19
Trustee Allocates Share of Funds for Approved Project	5-22-19
Lead Agency Directs Funding (Advance Funded Projects)	5-15-19
Project Sponsor Obtains Cost Share, Notifies or Certifies to Lead Agency	5-30-19
Project Sponsor Enters into Contracts, Purchase Orders, etc. - Start	6-15-19
Project Sponsor Enters into Contracts, Purchase Orders, etc. - Complete	7-15-19
Project Installation(s) -Start	N/A
Project Installation(s) -Complete	N/A
Project Sponsor provides detailed invoices for all claimed project costs, documentation for emission reduction estimates, required certification documents to Lead Agency to support direction to Trustee for Payment (Reimbursement, Direct-to-Vendor) or final accounting (Forward Funded Projects)	-
Lead Agency completes review and certifies payment direction to Trustee (Reimbursement)	N/A
Trustee Acknowledges Receipt of Direction for Payment(s) (Advance Funded, Reimbursement)	-
Project Sponsor Certifies Project Completion	7/15/19
Lead Agency Reports Project Completion	7/31/19

PROJECT BUDGET

Period of Performance: 1/2/19 – 7/31/19				
Budget Category	Total Approved Budget	Share of Total Budget to be Funded by the Trust	Cost-Share, if applicable (Entity #1)	Cost-Share, if applicable (Entity #2)
1. Equipment Expenditure	\$ 123,263	\$ 116,280	\$ 6983	\$
2. Contractor Support <i>(Provide list of Approved Contractors as Attachment with approved funding ceilings)</i>	\$	\$	\$	\$
3. Subrecipient Support <i>(Provide list of Approved Subrecipients or Grant Awardees as Attachment with approved funding ceilings)</i>	\$	\$	\$	\$
4. Administrative ¹	\$	\$	\$	\$
Project Totals	\$ 123,263	\$ 116,280	\$ 6983	\$
Percentage	100%	94%	6%	%

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

PROJECTED TRUST ALLOCATIONS;

	2017	2018	2019	2020	2021
1. Anticipated Annual Project Funding Request to be paid through the Trust	\$	\$	\$ 116,280	\$	\$
2. Anticipated Annual Cost Share	\$	\$	\$ 6983	\$	\$
3. Anticipated Total Project Funding by Year (line 1 plus line 2)	\$	\$	\$ 123,262	\$	\$
4. Cumulative Trustee Payments Made to Date Against Cumulative Approved Beneficiary Allocation	\$	\$	\$ 0	\$	\$
5. Current Beneficiary Project Funding to be paid through the Trust (line 1)	\$	\$	\$ 0	\$	\$
6. Total Funding Allocated to for Beneficiary, inclusive of Current Action by Year (line 4 plus line 5)	\$	\$	\$ 0	\$	\$
7. Beneficiary Share of Estimated Funds Remaining in Trust	\$	\$	\$ 0	\$	\$
8. Net Beneficiary Funds Remaining in Trust, net of cumulative Beneficiary Funding Actions (line 7 minus line 6)	\$	\$	\$ 0	\$	\$

ATTACHMENT C – DETAILED PLAN FOR REPORTING ON ELIGIBLE MITIGATION ACTION IMPLEMENTATION -

CLASS 4-8 SHUTTLE BUS REPLACEMENT

REPLACE- MENT YEAR	BUS # & MODEL YEAR	VIN # OF BUS TO BE REPLACED	ENGINE SERIAL # OF BUS TO BE REPLACED	EPA CERTIFICATES OF CONFORMITY	DATE NEW BUS PURCHASE	DATE OLD BUS SCRAPPED
2019	#31/2006	1BAGNBXA76F239409	46569898	NMHC+NOX = 2.9		

Notes: See attached picture of bus 31. EPA certificate of conformity for emission level (NMHC+NOX) listed above were obtained directly from the Cummins, Bluebird or International manufacturer, from the actual engine tag plate or from test data received from the manufacturer.

The replacement vehicle will serve as both a guest and an employee transport bus with a 19,500 GVWR, 6.7 liter diesel, Starcraft commercial 28 passenger capacity and will be maintained in accordance with manufacturer specifications.

When the original vehicle is retired, it will be rendered permanently disabled by drilling a 3" hole in the engine block and manifold and disabling the chassis by cutting it in half while in the MTGA Transportation Department possession as the acceptable scrapping method. Evidence of proper disposal will be provided with engine serial number, vehicle identification number of the bus scrapped along with the vehicle engine's EPA certificate of conformity. The new vehicle engine's certificate of conformity will be obtained from the engine manufacturer or from the emission control information label on the engine. This information will be recorded by MTGA Transportation.

Transit Shuttle Bus #31
VIN # 1BAGNBXA76F239409



ATTACHMENT D

David Cholewa
Mohegan Sun Casino

1-23-19

Starcraft Commercial Bus F550 28 Passenger Diesel

Chassis:

2019 Ford F550

F550, 19,500 GVWR

Class 6 Vehicle

6.7 Liter Diesel

30.5 Foot bus

Front and Rear mud flaps

Dual alternators

OEM driver's seat w/armrest

Body Options:

LED interior and exterior lights

Grey rubber flooring

SS wheel covers

100,000 BTU a/c

(2) 65,000 BTU with Heater Booster Pump

Backup camera

Mid high seats with grabs and arms on aisle side

Seats are Level 5

Red lights over emergence exits

White standee line

Heated remote mirrors

MorRyde suspension

Retractable seatbelts

White standee line

Yellow step nosing

Raised floor

Heavy duty driver running board

Door activated interior lights

Am/fm/cd with mic

Electric entry door with exterior key

Right hand entry rail

Stanchion behind driver

Dual overhead grab rails

Front and side Transign Electronic

Mohegan Sun
Page 2

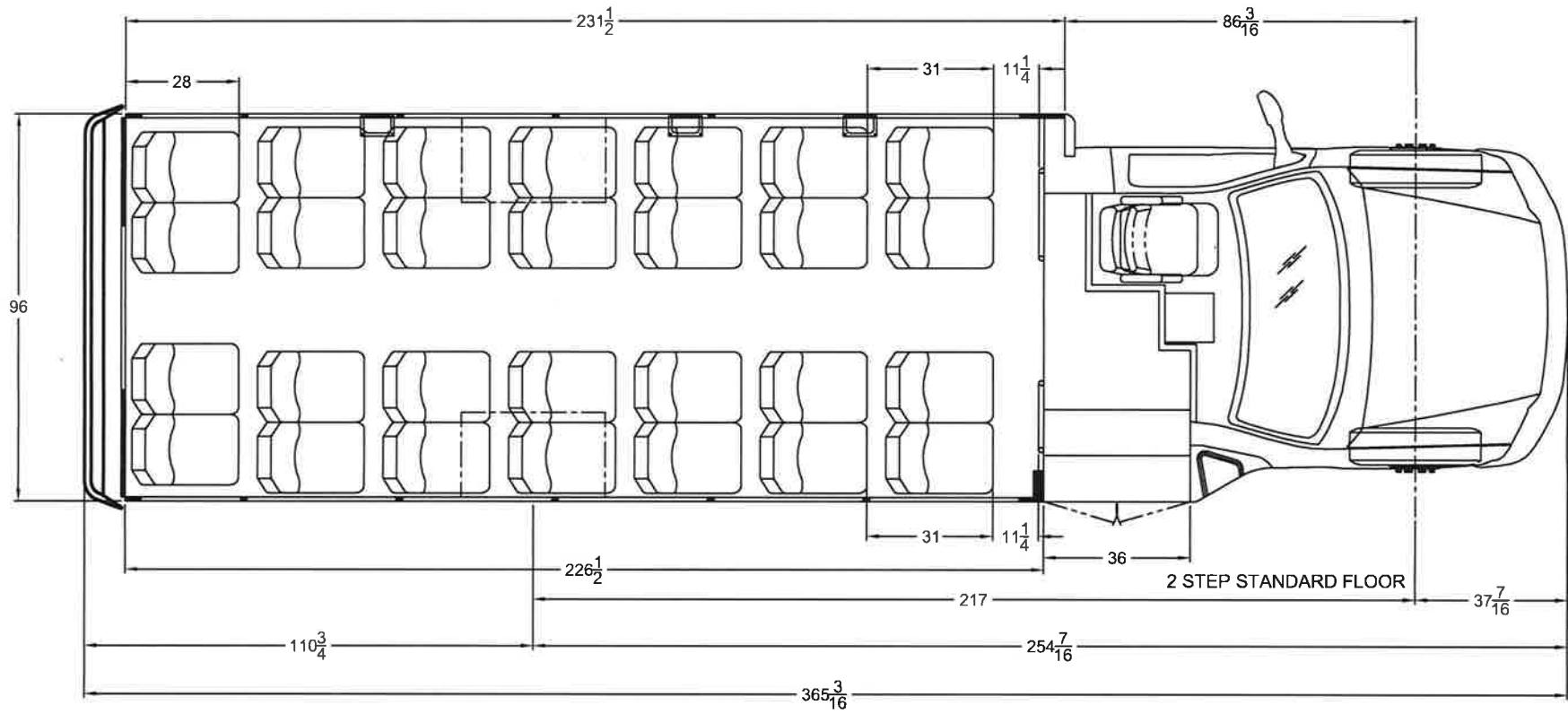
This is not a stock bus and will require a 20% deposit.

Your cost is \$117,397 per bus.
Less Ford rebate of \$3,000.

Total cost is \$114,397.00
PLUS CT TAX 8,865.77 (7.75%)
Total is \$123,262.77

Price includes all rebates (you will have to sign a letter from Ford saying you received the rebates in your pricing). The total does not include titling fees.

Scott Davis
School Lines
860-234-7052



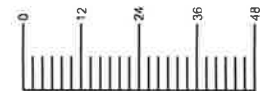
DEALER APPROVAL

APPROVED

CUSTOMER SIGNATURE

NOTE: SHOWN WITH MID HI FREEDMAN SEATS
 ALLSTAR XL F-550 19,500 GVWR
 THIS FLOOR PLAN IS FOR ILLUSTRATION PURPOSES ONLY.
 A WEIGHT ANALYSIS HAS NOT YET BEEN PERFORMED.
 FINAL APPROVAL WITH A WEIGHT ANALYSIS IS REQUIRED UPON RECEIPT OF A
 COMPLETED ORDER WITH ALL OPTIONS SHOWN.
 OPTIONAL EQUIPMENT MAY BE SHOWN.
 THE SALES ORDER PLACED DICTATES ACTUAL OPTION CONTENT.

**SCALE
 IN INCHES**



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REV. LET.	DESCRIPTION OF CHANGE	BY	CHK	DATE	ECN No.
A	PRELIM PACKET:	TAS		02/21/17	

TOLERANCE UNLESS OTHERWISE SPECIFIED	WOOD	OTHER	DATE: 02/21/17	TITLE:
	± 1/8"	± 1/16"	NAME: TAS	28 PASSENGER 217" WB 226 BDY 30' ALLSTAR XL
	± 1°	± 1/2"	DWG. No.	28 PASS 217 226 USA

STARCRAFT BUS
 a division of Forest River, Inc.

ATTACHMENT D

Emission Results and Health Benefits for Project: Diesel Bus Replacement

Emission Results

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

<u>Annual Results (short tons)²</u>	NO_x	PM2.5	HC	CO	CO₂	Fuel³
Baseline of Entire Project	1.324	0.050	0.155	0.492	159.3	14,164
Baseline for Upgraded Vehicles	1.202	0.049	0.143	0.455	90.2	8,014
Amount Reduced After Upgrades	1.080	0.048	0.132	0.417	28.1	2,500
Percent Reduced After Upgrades	81.5%	96.1%	85.1%	84.8%	17.7%	17.7%

Lifetime Results (short tons)²

Baseline of Entire Project	9.536	0.310	1.079	3.440	1,855.5	164,934
Baseline for Upgraded Vehicles	7.213	0.292	0.860	2.728	540.9	48,084
Amount Reduced After Upgrades	6.477	0.286	0.791	2.504	168.8	15,000
Percent Reduced After Upgrades	67.9%	92.2%	73.3%	72.8%	9.1%	9.1%

Lifetime Cost Effectiveness (\$/short ton reduced)

Capital Cost Effectiveness⁴ (unit & labor costs only)	\$19,184	\$434,481	\$157,119	\$49,620	\$736
Total Cost Effectiveness⁴ (includes all project costs)	\$19,030	\$430,985	\$155,855	\$49,221	\$730

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

² 1 short ton = 2000 lbs.

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

⁴ Cost effectiveness estimates include only the costs which you have entered.

Remaining Life	Cummins: Transit Bus Transit Buses	0 years
	Ford 550: Transit Bus Transit Buses	19 years