

APPENDIX D-4
Beneficiary Eligible Mitigation Action Certification

BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

Beneficiary State of Montana

Lead Agency Authorized to Act on Behalf of the Beneficiary Montana Department of Environmental Quality
(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:	Montana Fast Charge Your Ride
Beneficiary's Project ID:	VWT2021-06
Funding Request No.	<i>(sequential)</i> 6
Request Type: (select one or more)	<input type="checkbox"/> Reimbursement <input checked="" type="checkbox"/> Advance <input type="checkbox"/> Other (specify): _____
Payment to be made to: (select one or more)	<input checked="" type="checkbox"/> Beneficiary <input type="checkbox"/> Other (specify): _____
Funding Request & Direction (Attachment A)	<input checked="" type="checkbox"/> Attached to this Certification <input type="checkbox"/> To be Provided Separately

SUMMARY

Eligible Mitigation Action	<input checked="" type="checkbox"/> Appendix D-2 item (specify): <u>9. Light Duty Zero Emission Vehicle Supply Equipment</u>
Action Type	<input 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): See attached Summary Supplement	
Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2): See attached Summary Supplement	
Estimate of Anticipated NOx Reductions (5.2.3): See attached Summary Supplement	
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): Montana Legislative Audit Division	
Describe how the Beneficiary will make documentation publicly available (5.2.7.2). See attached Summary Supplement	
Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8). See attached Summary Supplement	
Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).	

On February 27, 2018 MTDEQ sent e-mail notices of availability of funds to representatives of the U.S. Department of Interior and U.S. Department of Agriculture listed in subparagraph 4.2.8

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 Summary Supplement

ATTACHMENTS
(CHECK BOX IF ATTACHED)

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

CERTIFICATIONS

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

- 1. This application is submitted on behalf of Beneficiary State of Montana, 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: 3/10/21



George Mathieus
Deputy Director
Department of Environmental Quality

for

State of Montana

SUMMARY Supplement Appendix D-4

Explanation of how funding request fits into Beneficiary's Mitigation Plan (5.2.1)

Montana's Beneficiary Mitigation Plan posted in November 2018 proposed to use 15% of Montana's initial allocation, or approximately \$1.89 million in funding necessary for, and directly connected to, the acquisition, installation, operation and maintenance of new light duty zero emission vehicle supply equipment as authorized under Eligible Mitigation Action 9.

Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2)

Montana DEQ solicited applications from public and private entities across Montana to partially reimburse the acquisition, installation, operation and maintenance of new light duty zero emission vehicle supply equipment. Awards were made for seven applications that will fund 15 Level 3 DCFC charging stations and 14 Level 2 dual-port charging stations.

Estimate of Anticipated NOx Reductions (5.2.3)

Montana DEQ estimated NOx emission reductions using the Alternative Fuel Life-Cycle Environmental and Economic Transportation (AFLEET) Tool provided by Argonne National Laboratories (<https://greet.es.anl.gov/afleet>). We calculated reductions for the 15 parking lot locations with 15 DCFC ports and 28 Level 2 charging ports (14 dual-port) using AFLEET assumptions with the exception of 50kW for the default session power for a DCFC charger and 60 minutes for default charge time. We estimate an annual reduction in NOx emissions of 393 pounds.

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

MTDEQ maintains a webpage describing the Montana's Volkswagen Environmental Mitigation Program for State Beneficiaries. The Volkswagen Mitigation Trust webpage can be found at: <http://deq.mt.gov/Energy/transportation/VW-Settlement-Page>. Copies of the funding request certifications to the Trustee will be available through links on this web page.

Application materials, reimbursement requests, and other documentation submitted by applicants and funding recipients for Montana's Volkswagen Environmental Mitigation Program are available to the public either through the website, or upon request pursuant to Montana Code Annotated Title 2, chapter 6, part 10.

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

Applicants are required to provide:

- 10% match for charging stations installed at locations accessible and available to the general public located on Government Owned Property.
- 20% match for charging stations installed at places available to the general public on Non-Government Owned Property.

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)

Of the 29 total charging stations, 12 will be located in the top 10 counties based on annual mobile sources of onroad NOX emissions (1. Yellowstone, 3. Missoula, 5. Cascade, 7. Big Horn, 8. Flathead, 9. Lewis & Clark).

Twelve of the stations will be located in counties identified as nonattainment (Lincoln) or at-risk (Flathead, Lewis & Clark, Missoula, Ravalli) for PM-2.5 emissions. Six of the stations will be located in counties identified as maintenance for CO emissions (Yellowstone, Cascade, Missoula).

ATTACHMENT B

PROJECT MANAGEMENT PLAN INCLUDING DETAILED BUDGET AND IMPLEMENTATION AND EXPENDITURES TIMELINE (5.2.4)

This funding request will provide advance funds to the Montana Department of Environmental Quality (MTDEQ) for the installation of electric vehicle charging stations under the Montana Fast Charge Your Ride Program. The actions covered by this funding request are consistent with Eligible Mitigation Action 9 (Light Duty Zero Emission Vehicle Supply Equipment) of the State Trust Agreement and with Montana’s Beneficiary Mitigation Plan (page 8), which allocated 15 percent of Montana’s Volkswagen EMT funding.

ELECTRIC VEHICLE CHARGING STATIONS TO BE FUNDED THROUGH THIS REQUEST

Twenty-nine electric vehicle charging stations will be funded through this request. Successful applicants include:

- GBP Enterprises – One Level 3 DCFC station
- Missoula Electric Cooperative – One Level 3 DCFC station and one Level 2 station
- NorthWestern Energy – Nine Level 3 DCFC stations and nine Level 2 stations
- Town Pump, Inc. – Four Level 3 DCFC stations and four Level 2 stations

PROJECT SCHEDULE AND TIMELINE, MONTANA CHARGE YOUR RIDE PROGRAM

Project Milestone	Date
Montana DEQ posts information and application materials on agency website; e-mail notification to Volkswagen Mitigation stakeholders list	28 October, 2020
Deadline for submission of applications	27 January, 2021
Review of applications	Within 14 days of application deadline
Formal notification to successful applicants	Within 30 days of application deadline
Montana DEQ submits Project Certification and Funding Direction for Advanced Funding	April 2021
Finalization of contracts with funding recipients	June 2021
Trustee allocates Advanced Funding to MTDEQ	June 2021
Montana DEQ reports on project progress	July 2021
Montana DEQ reports on project progress	December 2021
Montana DEQ reports on project progress	July 2022
Montana DEQ reports on project progress	December 2022
Montana DEQ reports on project progress	July 2023
Montana DEQ reviews reimbursement requests from recipients and provides payments for projects completed.	Q2 2021 – Q1 2023
Deadline for completion of charging station projects	June 2023
MTDEQ reports project completion	July 2023

Project Budget

Period of Performance: April 2021 – April 2023			
Budget Category	Share of Total Budget to be Funded by the Trust	Cost-Share to be Paid by Project Recipient	Total Budget Amount
Costs associated with installation of electric vehicle charging stations	\$1,191,638.60	\$530,271.90	\$1,721,910.50
Contractor Support	\$0	\$0	\$0
Subrecipient support	\$0	\$0	\$0
Administrative Costs (5.7%) Program planning, development, outreach, and administration	\$72,156.62	\$0	\$72,156.62
Project Totals	\$1,263,795.22	\$530,271.90	\$1,794,067.12
Percentage	70%	30%	100%

PROJECTED ANNUAL TRUST ALLOCATIONS

	2021	2022	2023
1. Anticipated Annual Project Funding Request to be paid through the Trust	\$2,377,751.22	\$2,869,000.00	\$2,600,000.00
2. Anticipated Annual Cost Share	\$1,537,405.90	\$808,800.00	\$1,220,000.00
3. Anticipated Total Project Funding by Year (line 1 plus line 2)	\$3,915,157.12	\$3,677,800.00	\$3,820,000.00
4. Cumulative Trustee Payments Made in Previous Years Against Cumulative Approved Beneficiary Allocation	\$1,608,929.00	\$3,986,680.22	\$6,855,680.22
5. Current Beneficiary Project Funding to be paid through the Trust (line 1)	\$2,377,751.22	\$2,869,000.00	\$2,600,000.00
6. Total Funding Allocated to Beneficiary, inclusive of Current Action by Year (line 4 plus line 5)	\$3,986,680.22	\$6,855,680.22	\$9,455,680.22
7. Beneficiary Share of Estimated Funds Remaining in Trust at Start of Year	\$10,993,495.88	\$8,615,744.66	\$5,746,744.66
8. Net Beneficiary Funds Remaining in Trust, net of cumulative Beneficiary Funding Actions (line 7 minus line 5)	\$8,615,744.66	\$5,746,744.66	\$3,146,744.66

ATTACHMENT C

DETAILED PLAN FOR REPORTING ON ELIGIBLE MITIGATION ACTION IMPLEMENTATION (5.2.11)

The Montana Department of Environmental Quality (DEQ) will provide detailed reporting on this funding request under Eligible Mitigation Action 9 (Light Duty Zero Emission Vehicle Supply Equipment) in two ways: 1) timely updates to DEQ's Volkswagen Environmental Mitigation Program web page and 2) semi-annual reports to the Trustee as required by subparagraph 5.3 of the Environmental Mitigation Trust for State Beneficiaries.

DEQ Website

DEQ has a webpage dedicated to the Volkswagen Environmental Mitigation Program that includes projects and actions that are eligible for funding and the status of funding. The website is found at: <http://deq.mt.gov/Energy/transportation/VW-Settlement-Page>. Copies of funding request certifications to the Trustee will be available through this web page. This page will link to current and past projects and categories funded through the Trust.

Application materials, reimbursement requests, and other documentation for Montana's Volkswagen Environmental Mitigation Program are available to the public either through the website, or upon request pursuant to Montana Code Annotated Title 2, chapter 6, part 10.

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 six months of the first disbursement and thereafter no later than January 30 and July 30 for preceding six-month periods. These reports will describe the progress implementing current 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 actual or projected termination date), development implementation, and any modification of the Eligible Mitigation Action. These semi-annual reports to the Trustee will be available for public access through links on the main Volkswagen Trust page on the DEQ website.

ATTACHMENT D

**DETAILED COST ESTIMATES FROM SELECTED VENDORS FOR EACH PROPOSED EXPENDITURE
EXCEEDING \$25,000 (5.2.6)**

Agency	Equipment	Manufacturer	Model	Fuel	Quantity	Expected Purchase Price (per station)
GBP Enterprises	DCFC station	ChargePoint	Express 250	Electric	1	\$40,800
Missoula Electric Cooperative	DCFC station	ZEF Energy	ABB L3 50kW	Electric	1	\$38,787
NorthWestern Energy	DCFC station	ChargePoint	Express 250	Electric	9	\$36,720
Town Pump, Inc.	DCFC station	ChargePoint	Express 250	Electric	4	\$36,720

Each applicant for the Montana Fast Charge Your Ride Program was required to seek at least three price quotes for electric vehicle charging equipment and submit them with their application.



Quotation

Driving a Better Way™
chargepoint.com

Sales Representative: Lindy Jacobson
E-Mail: lindy.jacobson@chargepoint.com
Telephone: (669) 271-4485

Quote Number: Q-122996-1
Date: 1/27/2021
Expires On: 2/26/2021

Primary Contact: Jeff Guengerich

Bill To Address

GBP Enterprises, LLC
Gardiner Sinclair
PO Box 299
Gardiner Montana 59030
United States

Ship To Address

GBP Enterprises, LLC
Gardiner Sinclair
375 US HWY 89 S
Gardiner Montana 59030
United States

Product Name	Product Description	Qty	List Price	Disc%	Unit Price	Total Price
CPE250C-625-CCS1-CHD	ChargePoint Express 250 Station (62.5 kW) - includes Express 250 Station, 2x Power Modules, 1x CCS1 cable, 1x CHAdeMO cable, North America Modem/SIM, cUL and UL listed, requires CPE250-CMT-IMPERIAL in US, CPE250-CMT-METRIC in Canada. CPE250-CMT-IMPERIAL/METRIC not included.	1	USD 40,800	0	USD 40,800	USD 40,800
CPE250-TOOLKIT-F	CPE250 Tool Kit	1	USD 0	0	USD 0	USD 0
CPE250-ASSURE-5	5 prepaid years of ChargePoint Assure for CPE250 stations.	1	USD 15,500	0	USD 15,500	USD 15,500
CPE250-CMT-IMPERIAL	Concrete Mounting Template used for the base mounting for the CPE250 and Express Plus Stations and is used to align conduits and mounting bolts. This template is to be installed into the foundation before the concrete pad is poured. Imperial Units. Included with the CPE250. Required for CPE200 swap to CPE250. If replacement CMT is needed, order CPE250-CMT-IMPERIAL-RP	1	USD 0	0	USD 0	USD 0

Product Name	Product Description	Qty	List Price	Disc%	Unit Price	Total Price
CPCLD-ENTERPRISE-DC-5	5yr Prepaid, DC, Enterprise Cloud Plan. Includes Secure Network Connection, On-going Station Software updates, Station Inventory, 24x7 Driver Support, Host Support, Session Data and Analytics, Fleet Vehicle Management and Integration, Fleet Access Control, Valet Dashboard, Time of Use-varying Power Management (Circuit, Panel, Site Sharing), Scheduled Charging, Driver Access Control, Pricing and Automatic Funds Collection, Waitlist, Videos (on supported hardware), Meter Data and Advanced Analytics, Building/ Energy Management System API, Plug-n-charge (*), Real-Time DC Dynamic Power Management (*), Occupancy Detection (*), Predictive Maintenance and Diagnostics (*). (*) on supported DC stations.	1	USD 4,799	0	USD 4,799	USD 4,799
CPSUPPORT-ACTIVE	Initial Station Activation & Configuration Service includes activation of cloud services and configuration of radio groups, custom groups, connections, access control, visibility control, pricing, reports and alerts. One time initial service per station.	2	USD 349	100	USD 0	USD 0

Quote Total: USD 61,099.00
Shipping and Handling: USD 1,148.50
Grand Total: USD 62,247.50

Quote Acceptance

- All pricing is confidential between Customer and ChargePoint.
- All prices are FCA ChargePoint warehouse(s).
- Customer to be invoiced at time of shipment.
- Sales tax in applicable states and shipping costs will be applied to this quote at time of invoicing.
- All invoices are Net 30 days.
- Credit Checks are required for new customers.
- Pricing does not include installation or mounting services unless specifically quoted above.
- Additional Purchase Terms and Conditions can be found at <http://www.chargepoint.com/termsandconditions>
- Additional terms and conditions for ChargePoint Assure can be found at <http://www.chargepoint.com/legal/assure>



- Purchaser confirms that the shipping and billing information provided in the Quotation is accurate for ChargePoint's shipping and invoicing purposes.

By signing this quote I hereby acknowledge that I have the authority to purchase the product detailed on this document on behalf of my organization. Furthermore, I agree to the above terms and conditions and that this signed quote shall act as a purchase order.

Signature :

Title :

Name (Print) :

Date :

Company Name :

Accounts Payable Contact Name :

Accounts Payable Contact E-Mail :

Requested Ship Date :



Proposal for DCFC & Level 2 Charger

Reliable, supported, EV Charging hardware serving every EV on the market.

Prepared for:

Utility Cooperative

In care of: Teri Rayome Kelly

Demand Response Coordinator, etc.

406.751.4483

t.rayome-kelly@flathead.coop

Prepared by:

ZEF Energy Inc.

Jim Goodman

Customer Development

612.404.0925

jim.goodman@zefenergy.com

Dec 31, 2020

Pricing Proposal

ZEF Energy is pleased to propose pricing for the installation of ZEFNET DCFC and Level 2 Pro chargers. The pricing shown is per unit and will be honored if purchased from now through Q1 2021. 50kW units have a 6-8 week lead time and ZEFNET Pro units have a 8-10 week lead time. Sales tax is not included.

Item	Price	QTY	Subtotal
ZEFNET DCFC			
ZEFNET-ABB 50kW DCFC + 5-5-5 Operational Package ZEFNET-enabled, ABB L3 50kW DC Fast Charger up to 500V with CCS + CHAdeMO Plugs. Access/POS via Credit Card Swipe, NFC, RFID, or smart phone application. Single port charging at a time. 20 ft charging cables w/cable retention. Includes custom branding and shipping, excludes sales tax.	\$38,787	1	\$38,787
5-Year SLA 5 year on-site labor warranty + preventative maintenance (50kW units)	\$5,189	1	\$5,189
ZEFNET-PRO			
ZEFNET-80-PRO Premium Retractable Dualhead Pedestal Package. Total 30.8kW Power, 15.4kW per plug. 5-year warranty + support, 5-year cellular service, and 5-year portal access included.	\$8,239	1	\$8,239
5-Year SLA 5 year on-site labor warranty + preventative maintenance (ZEFNET Pro units)	\$2,000	1	\$2,000

Installation*			
Mini-Sub & Civil Work Turn-key installation including mini-sub supply & associated civil	\$26,000	1	\$26,000
Hardscape Cost adder for installation of hardscape	\$10,000	1	\$10,000
Inteconnect Interconnect with distribution + supply of utility transformer	\$12,000	1	\$12,000

Total \$102,215

*Installation pricing is subject to change depending on site and design.



QUOTE

January 5, 2021

Ms. Danie Williams
 NorthWestern Energy
 11 E. Park St.
 Butte, MT 59701
 406-497-3516

Danie.Williams@Northwestern.com

CPE250-Dual Cord DC 62.5KW Charger with Combo and CHadeMO connectors
5 Years Parts and Labor Warranty

REFERENCE: NorthWestern Energy Montana DEQ

Model Number	Description	QTY	Price Per Station	Total Price
ChargePoint CPE250-625-CCs1-200A-CHD	62.5 KW 1XCCS1-200A and 1XCHadeMO Cable	1	(List \$40,800) \$36,720	\$36,720
5 Year Enterprise Cloud Plan	Reference Page 2 of Quote for Explanation	1	\$4,799	\$4,799
Site Validation	Reference Page 2 of Quote for Explanation	1	\$600	\$600
5 Years Assure	Reference Page 2 of Quote for Explanation	1	\$15,500	\$15,500
CPSUPPORT-ACTIVE	Initial Activation and Configuration Reference Page 2 of Quote for Explanation	1	Included \$0	\$0
Shipping*	Shipping*	1	\$1,380	\$1,380
Amount Due	Total cost before installation			\$58,999



 Signature Date

Ship to: _____



Initial Station Activation and Configuration Service includes activation of cloud services and configuration of radio groups, connections, access control, visibility control, pricing, reports and alerts. INCLUDED

Enterprise Cloud Plan available in prepay options:

Annual fee includes: Secure network connection, station inventory, 24-7 Driver support, Host Support, Session Data and Analytics Fleet Vehicle Management and Integration, Fleet access control, Valet dashboard. Time of Use-varying Power Management (Circuit, panel, site sharing), scheduled charging, Driver access control, Pricing and automatic funds collection, Waitlist, Videos, Meter data and advanced analytics, Building energy management system API, Real time DC dynamic power management Occupancy detection, Predictive maintenance and diagnostics.

- 1 year \$1,199
- 2 years \$2,279
- 3 years \$3,239
- 4 years \$4,079
- 5 years \$4,799

Optional Programs:

Site Validation:

On-Site Validation of cellular coverage, electrical capacity, transformers, panels, breakers, wiring and station installation meets all ChargePoint published requirements. \$600

Assure Warranty optional extended Parts and Labor Warranty - Site Validation required.

- 1 year \$4,200
- 2 years \$8,000
- 3 years \$11,100
- 4 years \$13,600
- 5 years \$15,500

***Shipping costs to be decided upon approval of order.**

**** Other Standard Terms and Conditions**

Invoice Terms: 50% due upon placement of order and balance due 30 days after shipment of product.

Issue payment to CD LLC dba Carbon Day Automotive.

ChargePoint 1 year parts warranty applies for all products. Warranty will be between purchaser and ChargePoint.

Prices are confidential and expire February 4, 2021

Erik Hultman - 847-971-8884 -Erik@carboday.com - 163 S. Wheeling Rd. - Wheeling - IL 60090



QUOTE

January 19, 2021

Mr. Paul G. Townsend
 Town Pump
 PO Box 6000
 Butte, MT 59702
 406-497-6948
Paul.Townsend@townpump.com

Paired CPE250-Dual Cord DC **62.5KW** Charger with Combo and CHadeMO connectors
 5 Years Parts and Labor Warranty

Reference: Montana DEQ

Model Number	Description	QTY	Price Per Station	Total Price
ChargePoint CPE250-625-CCs1-200A-CHD	62.5 KW 1XCCS1-200A and 1XCHAdEMO Cable	2	(List \$40,800) \$36,720	\$73,440
5 Year Enterprise Cloud Plan	Reference Page 2 of Quote for Explanation	2	\$4,799	\$9,598
CPE250-CMT-IMPERIAL	Concrete Mountin Kit	2	\$0	\$0
CPE250- Paired Kit	Paired Kit	2	\$500	\$1,000
Site Validation	Reference Page 2 of Quote for Explanation	2	\$600	\$1,200
5 Years Assure	Reference Page 2 of Quote for Explanation	2	\$15,500	\$31,000
CPSUPPORT-ACTIVE	Initial Activation and Configuration		Included	
	Reference Page 2 of Quote for Explanation	2	\$0	\$0
Shipping	Shipping	2	\$1,380	\$2,760
Amount Due	Total cost before installation			\$118,998.00



 Signature Date

Ship to: _____