

**APPENDIX D-4**  
**Beneficiary Eligible Mitigation Action Certification**

## BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

Beneficiary State of Oklahoma

Lead Agency Authorized to Act on Behalf of the Beneficiary Oklahoma 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)*

|   |  |
|---|--|
| <b>Action Title:</b>                                  | Oklahoma Electric Vehicle Supply Equipment (ChargeOK) Grant Program FY20   |
| <b>Beneficiary's Project ID:</b>                      | OK-EVSE-2  |
| <b>Funding Request No.</b>                            | <i>(sequential)</i> 5  |
| <b>Request Type:</b><br>(select one or more)          | <input type="checkbox"/> Reimbursement <span style="float: right;"><input checked="" type="checkbox"/> Advance</span><br><input type="checkbox"/> Other (specify): _____ |
| <b>Payment to be made to:</b><br>(select one or more) | <input checked="" type="checkbox"/> Beneficiary<br><input type="checkbox"/> Other (specify): _____   |
| <b>Funding Request &amp; Direction (Attachment A)</b> | <input type="checkbox"/> Attached to this Certification<br><input checked="" type="checkbox"/> To be Provided Separately   |

### SUMMARY

|  |   |
|--|---|
| <b>Eligible Mitigation Action</b>  | <input checked="" type="checkbox"/> Appendix D-2 item (specify): <u>Light Duty Zero Emission Vehicle Supply Equipment</u> |
| <b>Action Type</b>   | <input type="checkbox"/> Item 10 - DERA Option (5.2.12) (specify and attach DERA Proposal): _____                         |
| <b>Explanation of how funding request fits into Beneficiary's Mitigation Plan (5.2.1):</b>   |   |
| Pages 2-3 of the Oklahoma BMP discuss the use of VW Trust funds for Zero Emission Vehicle Supply Equipment.  |   |
| <b>Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):</b>  |   |
| <small>This project adds to the existing Electric Vehicle Service Equipment (EVSE) network in the state of Oklahoma, 8 level 2, 28 50kW, 18 150kW and 4 350kW level three chargers. Through the ChargeOK grant program, Oklahoma will use \$1,304,388.20 of its allocated trust monies toward funding installation of EVSE throughout the state. With the Match of \$9,795,352.47 from our grant partners, the state will realize \$3,099,768.67 in additional EVSE in Oklahoma. A majority of the funds are used to reduce range anxiety by locating chargers along many of the turnpikes, interstate, and state highways in Oklahoma. A small portion of the funds are used to provide chargers at destination locations. The installation of these chargers will reduce range anxiety and promote the use of electric vehicles in Oklahoma. Expected emissions benefits the first year of use are 2.87 short tons of NOx, 3.47 short tons of VOC, 35.58 short tons of CO, and 3,635.58 short tons of CO2. Due to the growth of electric vehicle sales, the expected use of the chargers will grow at least 10% each year, for a 5 year total of 17.55 short tons of NOx, 21.17 short tons of VOC, 217.07 short tons of CO, and 22,195.48 short tons of CO2.</small> |   |
| <b>Estimate of Anticipated NOx Reductions (5.2.3):</b>   |   |
| Estimated 5 year NOx reduction is 17.55 tons. this estimate was prepared using the Greenhouse gases, Regulated Emissions, and Energy use in Transportation (GREET) model.  |   |
| <b>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):</b>   |   |
| Oklahoma Department of Environmental Quality   |   |
| <b>Describe how the Beneficiary will make documentation publicly available (5.2.7.2).</b>  |   |
| Page 14 of the Oklahoma BMP describes how DEQ will make information pertinent to the VW Trust publicly available. In addition, Oklahoma DEQ maintains a website which includes webpages containing information in regard to Oklahoma VW programs. The Oklahoma VW website is at: <a href="http://www.deq.state.ok.us/aqdnew/vwsettlement/index.htm">http://www.deq.state.ok.us/aqdnew/vwsettlement/index.htm</a> . Oklahoma DEQ also operates a mailing list for the VW programs.  |   |
| <b>Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8).</b>   |   |
| Per page 4 of the Request for Proposals issued by DEQ, each project partner was required to pay at least 20% of the cost of the Electric Vehicle Supply Equipment. Matches provided by project partners ranged from 20% to 85%. For all projects combined, the 16.10% Trust funds are matched by 83.90% Grant Recipient funds.   |   |
| <b>Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).</b>   |   |
| Oklahoma DEQ sent notice by USPS and email to the representatives from the U.S. Department of the Interior and the U.S. Department of Agriculture listed in subparagraph 4.2.8 of the State Trust Agreement on February 15, 2018.  |   |

**If applicable, describe how the mitigation action will mitigate the impacts of NOx emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions (5.2.10).**

Impact on communities that have historically borne a disproportionate share of the adverse impacts of NOx emissions was one of the metrics by which all project applications for this program were ranked and awarded. Projects which were located along major travel corridors and in large metropolitan areas where the NOx emissions would be the most concentrated were given priority. Out of the 19 project locations covered by this D-4, 6 are located in potential ozone nonattainment counties, 6 are located in counties with the highest mobile-source NOx emission ranking for Oklahoma, 5 are located in counties containing greater than 1% of the State's registered Volkswagen Settlement Subject Vehicles, and 16 are located along a major interstate.

**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 Oklahoma, 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: Sept. 18, 2019

John Terrill, Division Director  
\_\_\_\_\_  
[NAME] *J Terrill*  
[TITLE]

Oklahoma Department of Environmental Quality  
\_\_\_\_\_  
[LEAD AGENCY]

for  
State of Oklahoma  
\_\_\_\_\_  
[BENEFICIARY]

**ATTACHMENT B**  
**PROJECT SCHEDULE AND MILESTONES**

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**PROJECT MANAGEMENT PLAN**  
**PROJECT SCHEDULE AND MILESTONES:**

| <b>Action</b>                             | <b>Start Date</b> | <b>End Date</b>    |
|---|-------------------|--------------------|
| Subgrant Program Development              | May 30, 2018      | November 30, 2018  |
| Solicitation of Project Partners (RFP)    | November 30, 2018 | March 1, 2019      |
| Announce Funding                          | November 30, 2018 | March 1, 2019      |
| Accept Applications                       | November 30, 2018 | March 1, 2019      |
| Make Subawards                            | March 30, 2019    | April 30, 2019     |
| Complete MOAs for Awardees                | March 30, 2019    | September 30, 2019 |
| Project Implementation                    | June 1, 2019      | June 30, 2021      |
| Procurement and Installation of Equipment | June 1, 2019      | June 30, 2021      |
| Monitoring and Oversight of Project       | June 1, 2019      | June 30, 2021      |
| Reporting                                 | January 1, 2019   | July 30, 2021      |
| Project Completion Date                   | July 1, 2021      | July 1, 2021       |

**PROJECT BUDGET:**

| <b>Project Description</b>   | <b>Project Partner</b>          | <b>Project Sub-Total</b> | <b>Amount Funded by Trust</b> | <b>Amount Funded by Project Partner</b> |
|--|---------------------------------|--------------------------|-------------------------------|---|
| Install 8 level 2 charger at Oklahoma City Community College Oklahoma City OK  | Oklahoma City Community College | \$255,506.00             | \$127,753.00                  | \$127,753.00                            |
| Install 2 level 3 chargers in Enid, Antlers, Atoka, Norman, Chickasha, Mustang, Muskogee, Sand springs, Woodward, Pauls Valley, and Pryor Oklahoma.<br>Install 4 level 3 chargers in Broken Bow, Henryetta, Durant, Muldrow, Eufaula, Miami, and Okemah, Oklahoma. | Francis Solar                   | \$7,844,262.67           | \$1,176,635.20                | \$6,667,599.47                          |
|  | <b>Administrative</b>           | \$0.00                   | \$0.00                        | \$0.00                                  |
|  | <b>Project Totals</b>           | <b>\$8,099,768.67</b>    | <b>\$1,304,388.20</b>         | <b>\$6,795,352.47</b>                   |
|  | <b>Percentage</b>               | 100%                     | 16.10%                        | 83.90%                                  |

**PROJECTED TRUST ALLOCATIONS**

|   |                 |
|---|-----------------|
|   |                 |
| 1. Anticipated Project Funding Request to be paid through the Trust   | \$1,304,388.20  |
| 2. Anticipated Cost Share   | \$6,795,352.47  |
| 3. Anticipated Total Project Funding (line 1 plus line 2)   | \$8,099,768.67  |
| 4. Cumulative Trustee Payments Made to Date Against Cumulative Approved Beneficiary Allocation*               | \$3,817,934.97* |
| 5. Cumulative Unused Trustee Payments Returned to Trust from Previous Funding Requests                        | \$0.00          |
| 6. Net Trustee Payments Made to Date Against Cumulative Approved Beneficiary Allocation (line 4 minus Line 5) | \$3,817,934.97  |
| 7. Current Beneficiary Project Funding to be paid through the Trust (line 1)                                  | \$1,304,388.20  |
| 8. Total Funding Allocated to for Beneficiary, inclusive of Current Action by Year (line 6 plus line 7)       | \$5,122,323.17  |
| 9. Initial Beneficiary Share of Trust Funds   | \$20,922,485.12 |
| 10. Beneficiary Share of Estimated Funds Remaining in Trust (line 9 minus line 6)                             | \$17,104,550.15 |
| 11. Net Beneficiary Funds Remaining in Trust, net of cumulative Beneficiary Funding Actions                   | \$15,800,161.95 |

*\* This line item includes the sum of cost requests from the following submitted D-4 funding requests, regardless of whether or not funds have been received by DEQ: Funding Requests #1, #2, #3, and #4*

## ATTACHMENT C

### DETAILED PLAN FOR REPORTING ON ELIGIBLE MITIGATION ACTION IMPLEMENTATION

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Per Subparagraph 5.2.11 of the Environmental Trust Agreement for State Beneficiaries (“Trust Agreement”), Beneficiaries must set forth a “detailed plan for reporting on Eligible Mitigation Action implementation” to be included in an Appendix D-4 funding request. The Oklahoma Department of Environmental Quality (DEQ) plans to report per 5.3 of the Trust Agreement.

DEQ is committed to meeting reporting requirements consistent with Subparagraph 5.3 of the Trust Agreement, as set forth below:

*For each Eligible Mitigation Action, no later than six months after receiving its first disbursement of Trust Assets, and thereafter no later than January 30 (for the preceding six-month period of July 1 to December 31) and July 30 (for the preceding six-month period of January 1 to June 30) of each year, each Beneficiary shall submit to the Trustee a semiannual report describing the progress implementing each Eligible Mitigation Action during the six-month period leading up to the reporting date (including a summary of all costs expended on the Eligible Mitigation Action through the reporting date). Such reports shall include a complete description of the status (including actual or projected termination date), development, implementation, and any modification of each approved Eligible Mitigation Action. Beneficiaries may group multiple Eligible Mitigation Actions and multiple sub-beneficiaries into a single report. These reports shall be signed by an official with the authority to submit the report for the Beneficiary and must contain an attestation that the information is true and correct and that the submission is made under penalty of perjury. To the extent a Beneficiary avails itself of the DERA Option described in Appendix D-2, that Beneficiary may submit its DERA Quarterly Programmatic Reports in satisfaction of its obligations under 15 of 43 this Paragraph as to those Eligible Mitigation Actions funded through the DERA Option. The Trustee shall post each semiannual report on the State Trust’s public-facing website upon receipt.*



## **ATTACHMENT D**

### **Detailed cost estimates from selected or potential vendors for each proposed expenditure.**

The cost estimates for Light Duty Electric Vehicle Supply Equipment projects ranged from \$127,753 to \$1,176,635.20 for projects that ranged from 8 level 2 chargers at one location, to 50 level 3 chargers at 18 locations. In response to the Request for Proposal, DEQ received 107 cost estimates for projects from 12 potential recipients.

A detailed estimate of each awarded project is on the following page.

| ChargeOK Grant D-4 Attachment B. D4_Project budget attachment D_round 2.xlsx |   |                 |                  |                                       |  |                |                      |
|--|---|-----------------|------------------|---------------------------------------|--|----------------|----------------------|
|  | Project Description   | Project Partner | Project Subtotal | Amount Funded<br>by ChargeOK<br>Grant | Amount Funded<br>by Project<br>Partner | Equipment cost | Installation<br>cost |
|  | Install 8 level 2 chargers at Oklahoma City Community College                       | OCCC            | \$255,506.00     | \$127,753.00                          | \$127,753.00                           | \$137,794.00   | \$117,712.00         |
| 150  | Install 2 level 3 chargers at 905 W Main St, Antlers OK 74523                       | +++++           | \$381,792.00     | \$57,269.00                           | \$324,523.00                           | \$306,474.00   | \$75,318.00          |
| 150  | Install 2 level 3 Chargers at 1302 S Mississippi Ave, Atoka OK 74525                |                 | \$381,642.00     | \$57,246.00                           | \$324,396.00                           | \$306,474.00   | \$75,168.00          |
| 50   | Install 4 level 3 chargers at 1790 S Park Dr, Broken Bow OK 74728                   |                 | \$459,623.00     | \$68,943.00                           | \$390,680.00                           | \$378,893.00   | \$80,730.00          |
| 350  | Install 2 level 3 chargers at H.E. Bailey Turnpike Chickasha OK 73018               |                 | \$443,863.00     | \$66,580.00                           | \$377,284.00                           | \$367,514.00   | \$76,349.00          |
| 50   | Install 4 level 3 chargers at 4015 Choctaw Rd, Durant OK 74701                      |                 | \$491,849.00     | \$73,777.00                           | \$418,071.00                           | \$411,287.00   | \$80,562.00          |
| 150  | Install 4 level 3 chargers at Muldrow Park, W Shawntel Smith Blvd, Muldrow OK 74948 |                 | \$733,370.00     | \$110,006.00                          | \$623,365.00                           | \$626,767.00   | \$106,603.00         |
| 50   | Install 2 level 3 chargers at 201 S Sara Rd, Mustang OK 73064                       |                 | \$308,982.00     | \$46,347.00                           | \$262,635.00                           | \$256,047.00   | \$52,935.00          |
| 150  | Install 2 level 3 chargers at 3601 N Flood Ave, Norman OK 73069                     |                 | \$417,725.00     | \$62,659.00                           | \$355,066.00                           | \$342,600.00   | \$75,125.00          |
| 350  | Install 2 level 3 chargers at mile 25 Muskogee Turnpike, Muskogee OK 74401          | Francis Solar   | \$443,863.00     | \$66,580.00                           | \$377,284.00                           | \$367,514.00   | \$76,349.00          |
| 50   | Install 2 level 3 chargers at 109 N Garfield Ave, Sand Springs, OK 74063            |                 | \$264,013.00     | \$39,602.00                           | \$224,411.00                           | \$211,126.00   | \$52,887.00          |
| 50   | Install 2 level 3 chargers at 2112 Oklahoma Ave, Woodward OK 73801                  |                 | \$302,608.00     | \$45,391.00                           | \$257,217.00                           | \$249,129.00   | \$53,479.00          |
| 150  | Install 4 level 3 chargers at 590 Selmon Rd, Eufaula OK 74432                       |                 | \$695,080.00     | \$104,262.00                          | \$590,818.00                           | \$589,070.00   | \$106,010.00         |
| 50   | Install 2 level 3 chargers at 110 Burr Ave, Pauls Valley OK 73075                   |                 | \$313,241.00     | \$46,986.00                           | \$266,255.00                           | \$260,167.00   | \$53,074.00          |
| 50   | Install 4 level 3 chargers at 16 "A" Street NW, Miami OK 74354                      |                 | \$459,074.00     | \$68,861.00                           | \$390,213.00                           | \$378,893.00   | \$80,181.00          |
| 150  | Install 4 level 3 chargers at 108 S Woody Guthrie St., Okemah OK 74859              |                 | \$722,358.00     | \$108,349.00                          | \$613,979.00                           | \$616,390.00   | \$105,937.00         |
| 50   | Install 2 level 3 chargers at 115 E Graham Ave, Pryor OK 74361                      |                 | \$260,331.00     | \$39,050.00                           | \$221,281.00                           | \$207,806.00   | \$52,525.00          |
| 50   | Install 4 level 3 chargers at 610 E. Main, Henryetta OK 74437                       |                 | \$458,914.00     | \$68,837.00                           | \$390,077.00                           | \$378,893.00   | \$80,022.00          |
| 50   | Install 2 level 3 chargers at 2101 W Owen K Garriott Rd, Enid OK 73703              | +++++           | \$305,934.67     | \$45,890.20                           | \$260,044.47                           | \$214,326.00   | \$91,608.67          |
|  |   | Total           | \$8,099,768.67   | \$1,304,388.20                        | \$6,795,352.47                         | \$6,607,164.00 | \$1,492,574.67       |