

BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

Beneficiary _____

Lead Agency Authorized to Act on Behalf of the Beneficiary Nevada Division of Environmental Protection
(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:	
Beneficiary's Project ID:	
Funding Request No.	<i>(sequential)</i>
Request Type: (select one or more)	<input type="checkbox"/> Reimbursement <input type="checkbox"/> Advance <input type="checkbox"/> Other (specify): _____
Payment to be made to: (select one or more)	<input type="checkbox"/> Beneficiary <input type="checkbox"/> Other (specify): _____
Funding Request & Direction (Attachment A)	<input type="checkbox"/> Attached to this Certification <input type="checkbox"/> To be Provided Separately

SUMMARY

Eligible Mitigation Action	<input type="checkbox"/> Appendix D-2 item (specify): _____	
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):		
Detailed on pages 6-10 of Nevada's BMP, this funding request will support the development of the Nevada Electric Highway.		
Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):		
Please refer to attached page 4 for this description.		
Estimate of Anticipated NOx Reductions (5.2.3): It is anticipated that this project will mitigate 0.1 tons NOx.		
Identification of Governmental Entity Responsible for Reviewing and Auditing Expenditures of Eligible Mitigation Action Funds to Ensure Compliance with Applicable Law (5.2.7.1):		
The Nevada Division of Environmental Protection		
Describe how the Beneficiary will make documentation publicly available (5.2.7.2).		
Please refer to attached pages 5-8 of this submittal for this description.		
Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8).		
Total Project Budget:	Project Costs paid by Trust:	Cost share requirement:
\$324,000.00	Category 9 Funds	\$60,000 00
	\$240,000.00	
	Project Admin Costs	
	\$24,000.00	
Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).		
NDEP sent emails 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 23, 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).

n/a

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 Nevada, 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: 8/16/2019

Danilo Dragoni, PhD

[NAME]

[SIGNATURE]

Chief, Bureau of Air Quality Planning

[TITLE]

Nevada Division of Environmental Protection

[LEAD AGENCY]

for

Nevada

[BENEFICIARY]

**DETAILED DESCRIPTION OF MITIGATION ACTION ITEM INCLUDING
COMMUNITY AND AIR QUALITY BENEFITS (5.2.2)**

This Eligible Mitigation Action Category 9 project will install publicly available light duty electric vehicle charging infrastructure at a non-Government Owned Property in Alamo, Nevada. Specifically, the charging infrastructure will be installed at 37 Hwy. 93, Alamo, Nevada near the Lincoln County Physical Therapy office. Two Direct Current Fast Charger (each charger will have two cords, one SAE Combo and one CHAdeMO, but only one can be in use at a time) will be installed because of this project.

This project supports the development of the Nevada Electric Highway. Once completed, the Nevada Electric Highway will provide a network of electric vehicle charging stations across the state in order to make it easier for Nevadans and our guests alike to appreciate all the state has to offer. By investing in the charging infrastructure identified in the Nevada Electric Highway and this Eligible Mitigation Action specifically, Environmental Mitigation Trust Funds will help to increase the availability of charging stations for electric vehicles and thus increase electric vehicle usage in Nevada’s metropolitan areas, as well as significantly contribute to an increase in the number of electric vehicles driven across not only Nevada, but the entire western region.

Through this Nevada Electric Highway project, the Nevada Division of Environmental Protection (NDEP) will advance funding to the Nevada Governor’s Office of Energy (GOE) who will directly oversee the completion of the project. The GOE’s project partner will then be reimbursed on actual expenditures incurred over the course of the charging infrastructure’s installation. The GOE will provide progress reports to the NDEP detailing the work done to complete the project and once completed, any unspent Trust funds will be returned to Wilmington Trust.

The expected lifetime emissions reductions (listed in the table below) are based on the Federal Highway Administration’s Congestion Mitigation and Air Quality Improvement Program’s Cost Effectiveness Tables. An important assumption associated with this project, but not considered in the below estimates, is that as the number of electric vehicles increases so too will the amount of emissions reduced due to the installation of this charging infrastructure.

Pollutant	Emissions Reductions (tons)
NOx	0.100
PM _{2.5}	0.009
VOC	0.041
CO	1.639
PM ₁₀	0.021

ATTACHMENT FOR 5.2.7.2

Describe how the Beneficiary will make documentation publicly available

Subparagraph 5.2.7.2 of the Environmental Mitigation Trust Agreement for State Beneficiaries requires that Beneficiaries include in their funding requests:

A commitment by the Beneficiary to maintain and make publicly available all documentation submitted in support of the 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, together with an explanation of the procedures by which the Beneficiary shall make such documentation publicly available;

The Nevada Division of Environmental Protection (NDEP), the Lead Agency for the State of Nevada, is committed to maintaining and making publicly available all documentation submitted support of the funding requests 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.

The public will be able to view these records on the NDEP's website (<https://ndep.nv.gov>). The NDEP will maintain these records on a Volkswagen (VW) Environmental Mitigation Trust Fund specific webpage that will be designed to support public access and limit burden for the general public. The NDEP's VW specific webpage can currently be found at <https://ndep.nv.gov/air/vw-settlement>.

The NDEP has created an electronic listserv, open to the public, used to communicate news, events, and information related the Environmental Mitigation Trust Fund (Mitigation Fund). The listserv, NevadaVWFund, is advertised through the NDEP website and at public events related to the Mitigation Fund.

Furthermore, the Senate Committee on Finance and the Assembly Committee on Ways and Means of the Nevada Legislature has requested¹ "that the Division of Environmental Protection provide semiannual reports to the Interim Finance Committee regarding the status of the Volkswagen settlement and the Mitigation Fund, including recommendations by established working groups for the proposed activities to be supported by the settlement funds, and the process established to distribute settlement funds in accordance with the settlement terms.". The meetings of the Interim Finance Committee follow the Nevada Open Meeting Law (Nevada Revised Statues Chapter 241).

This commitment by the NDEP is subject to the following Nevada laws governing the publication of confidential business information and personally identifiable information.

Chapters 603A and 239B of the Nevada Revised Statutes (NRS) provide definitions and requirements for handling *personal information*.

¹ Letter from state Senator Joyce Woodhouse, Chair of the Senate Committee on Finance - September 29, 2017

NRS Section 603A.040 defines ‘Personal Information’ as:

1. *“Personal information” means a natural person’s first name or first initial and last name in combination with any one or more of the following data elements, when the name and data elements are not encrypted:*
 - (a) *Social security number.*
 - (b) *Driver’s license number, driver authorization card number or identification card number.*
 - (c) *Account number, credit card number or debit card number, in combination with any required security code, access code or password that would permit access to the person’s financial account.*
 - (d) *A medical identification number or a health insurance identification number.*
 - (e) *A user name, unique identifier or electronic mail address in combination with a password, access code or security question and answer that would permit access to an online account.*
2. *The term does not include the last four digits of a social security number, the last four digits of a driver’s license number, the last four digits of a driver authorization card number or the last four digits of an identification card number or publicly available information that is lawfully made available to the general public from federal, state or local governmental records.*

NRS Section 239B.030 – *Recorded, filed or otherwise submitted documents* - states that:

1. *Except as otherwise provided in subsections 2 and 6, a person shall not include and a governmental agency shall not require a person to include any personal information about a person on any document that is recorded, filed or otherwise submitted to the governmental agency on or after January 1, 2007.*
2. *If personal information about a person is required to be included in a document that is recorded, filed or otherwise submitted to a governmental agency on or after January 1, 2007, pursuant to a specific state or federal law, for the administration of a public program or for an application for a federal or state grant, a governmental agency shall ensure that the personal information is maintained in a confidential manner and may only disclose the personal information as required:*
 - (a) *To carry out a specific state or federal law; or*
 - (b) *For the administration of a public program or an application for a federal or state grant.*

➤ *Any action taken by a governmental agency pursuant to this subsection must not be construed as affecting the legality of the document.*
3. *A governmental agency shall take necessary measures to ensure that notice of the provisions of this section is provided to persons with whom it conducts business. Such notice may include, without limitation, posting notice in a conspicuous place in each of its offices.*
4. *A governmental agency may require a person who records, files or otherwise submits any document to the governmental agency to provide an affirmation that the document does not contain personal information about any person or, if the document contains any such personal information, identification of the specific law, public program or grant that requires the inclusion of the personal information. A governmental agency may refuse to record, file or otherwise accept a document which does not contain such an affirmation when required or any document*

which contains personal information about a person that is not required to be included in the document pursuant to a specific state or federal law, for the administration of a public program or for an application for a federal or state grant.

5. *Each governmental agency may ensure that any personal information contained in a document that has been recorded, filed or otherwise submitted to the governmental agency before January 1, 2007, which the governmental agency continues to hold is:*

(a) Maintained in a confidential manner if the personal information is required to be included in the document pursuant to a specific state or federal law, for the administration of a public program or for an application for a federal or state grant; or

(b) Obliterated or otherwise removed from the document, by any method, including, without limitation, through the use of computer software, if the personal information is not required to be included in the document pursuant to a specific state or federal law, for the administration of a public program or for an application for a federal or state grant.

↪ *Any action taken by a governmental agency pursuant to this subsection must not be construed as affecting the legality of the document.*

6. *A person may request that a governmental agency obliterate or otherwise remove from any document submitted by the person to the governmental agency before January 1, 2007, any personal information about the person contained in the document that is not required to be included in the document pursuant to a specific state or federal law, for the administration of a public program or for an application for a federal or state grant or, if the personal information is so required to be included in the document, the person may request that the governmental agency maintain the personal information in a confidential manner. If any documents that have been recorded, filed or otherwise submitted to a governmental agency:*

(a) Are maintained in an electronic format that allows the governmental agency to retrieve components of personal information through the use of computer software, a request pursuant to this subsection must identify the components of personal information to be retrieved. The provisions of this paragraph do not require a governmental agency to purchase computer software to perform the service requested pursuant to this subsection.

(b) Are not maintained in an electronic format or not maintained in an electronic format in the manner described in paragraph (a), a request pursuant to this subsection must describe the document with sufficient specificity to enable the governmental agency to identify the document.

↪ *The governmental agency shall not charge any fee to perform the service requested pursuant to this subsection.*

7. *As used in this section:*

(a) "Governmental agency" means an officer, board, commission, department, division, bureau, district or any other unit of government of the State or a local government.

(b) "Personal information" has the meaning ascribed to it in [NRS 603A.040](#).

Chapter 239 of the NRS provides general principles for the definition and the handling of public records. In particular, subsection 239.010.3 states that:

A governmental entity that has legal custody or control of a public book or record shall not deny a request made pursuant to subsection 1 to inspect or copy or receive a copy of a public book or record on the basis that the requested public book or record contains information that is

confidential if the governmental entity can redact, delete, conceal or separate the confidential information from the information included in the public book or record that is not otherwise confidential.

Chapter 445B of the NRS (Air Controls) specifically provides further directions on what is confidential information and how such information must be handle in the context of the Air Program of the NDEP. In particular section 445B.570 – *Confidentiality and use of information obtained by Department*²; penalty – states that (footnotes added for clarity):

1. *Any information which the Department obtains in the course of the performance of its duties pursuant to the provisions of this chapter is public information unless otherwise designated as confidential information pursuant to the provisions of this section.*
2. *The emission of an air contaminant which has an ambient air quality standard or emission standard or has been designated as a hazardous air pollutant by regulation of the Commission cannot be certified as being confidential.*
3. *Any confidential information received by the Commission³, the Director⁴ or any local control authority which is certified in writing to the recipient as confidential by the owner or operator disclosing the information and verified and approved in writing as confidential by the recipient must, unless the owner expressly agrees to its publication or availability to the public, be used only:
 - (a) *In the administration or formulation of air pollution controls;*
 - (b) *In compiling or publishing analyses or summaries relating to the condition of the outdoor atmosphere which do not identify any owner or operator or reveal any confidential information;*or
 - (c) *In complying with federal statutes, rules and regulations.**
4. *This section does not prohibit the use of confidential information in a prosecution for the violation of any statute, ordinance or regulation for the control of air pollution.*
5. *A person who discloses or knowingly uses confidential information in violation of this section is guilty of a misdemeanor, and is liable in tort for any damages which may result from such disclosure or use.*
6. *As used in this section, “confidential information” means information or records which:
 - (a) *Relate to dollar amounts of production or sales;*
 - (b) *Relate to processes or production unique to the owner or operator; or*
 - (c) *If disclosed, would tend to affect adversely the competitive position of the owner or operator.**

² Nevada Department of Conservation and Natural Resources (DCNR)

³ Nevada State Environmental Commission

⁴ Director of the Department of Conservation and Natural Resources

ATTACHMENT A

FUNDING REQUEST AND DIRECTION

ATTACHMENT B

**ELIGIBLE MITIGATION ACTION MANAGEMENT PLAN INCLUDING DETAILED
BUDGET AND IMPLEMENTATION AND EXPENDITURES TIMELINE**

ATTACHMENT B

PROJECT MANAGEMENT PLAN PROJECT SCHEDULE AND MILESTONES

Milestone	Date
The Nevada Governor’s Office of Energy received the application from Lincoln County Power District for the installation of eligible electric vehicle charging infrastructure	CY 2019, Q2
GOE enters into Agreement with Lincoln County Power District	CY 2019, Q2
GOE submits application to NDEP	CY 2019, Q3
NDEP enters into Subgrant Agreement with GOE	CY 2019, Q3
NDEP Submits and Trustee acknowledges receipt of project certification and funding direction	CY 2019, Q3
NV Energy completes installation of electric vehicle charging infrastructure	CY 2020, Q2
GOE reports project completion to NDEP	CY 2020, Q2
NDEP reports project completion—any unspent VW State Trust funds will be returned to the Trustee	CY 2020, Q2

PROJECTED TRUST ALLOCATIONS

ANNUAL PROJECTIONS	2019
1. Anticipated annual project funding request to be paid through the Trust	\$ 264,000.00
2. Portion of anticipated project funding request to be paid through the Trust to cover Eligible Mitigation Action Administrative Expenditures	\$ 24,000.00
3. Portion of anticipated project funding request to be paid through the Trust to cover Eligible Mitigation Action Expenditures	\$ 240,000.00
4. Anticipated annual cost share	\$ 60,000.00
5. Anticipated total project funding by year (line 1 plus line 4)	\$ 324,000.00
CUMULATIVE PROJECTIONS	
6. Cumulative outstanding Trustee payments requested against cumulative approved Beneficiary allocation	\$ 7,417,637.60
7. Cumulative Trustee payments made to date against cumulative approved Beneficiary allocation	\$ 1,760,194.77
8. Beneficiary funding to be paid through the Trust for this project (sum of line 1)	\$ 264,000.00
9. Total funding approved for Beneficiary Eligible Mitigation Actions, inclusive of current Action (sum of lines 6, 7, and 8)	\$ 9,441,832.37
10. Beneficiary share of estimated funds remaining in Trust	\$ 23,113,829.71
11. Estimated Beneficiary funds remaining in Trust after project completion (line 10 minus lines 6 and 8)	\$ 15,432,192.11

**GOE NEH Funding Opportunity April 2018
Attachment 2: Subgrant Workplan Template**

Name of Applicant:	Lincoln County Power District #1	Name of Project:	Alamo EV Charging Station
--------------------	----------------------------------	------------------	---------------------------

Task/ Milestone	Start Date	Activity	Deliverable	Detailed Description	Completion Date
Task/Milestone 1	From time of award	<i>Site Selection</i>	<i>Report to GOE will include a map of the location with the on-site power availability (e.g., 3-phase) Expect approximately 10% of the budget will be allocated for this Task/Milestone</i>	. LCPD has chosen to install an electric vehicle (EV) charging station along Hwy 93 in Alamo, NV. There is a lot of traffic as people travel Hwy 93 and would make an ideal place to install an EV charging station. Basic amenities would be readily available to any customer with a gas station right next door to our proposed location.	From time of award
Task/Milestone 2	From time of award	<i>Design</i>	<i>Report to GOE will include the drawings, specifications, etc. Expect approximately 15% of the budget will be allocated for this Task/Milestone</i>	LCPD will design the following project in-house. LCPD will contact vendors and provide equipment specifications. LCPD will provide site layouts and single in-line drawings for the project.	One month from time of award
Task/Milestone 3	From time of award	<i>Equipment purchase</i>	<i>Report to GOE will include the equipment specifications. Expect approximately 35% of the budget will be allocated for this Task/Milestone</i>	LCPD staff has contacted several EV Charger vendors (i.e. Chargepoint, Greenlots, Verdek) and determined that Greenlots provides the services that meet the requirements set forth by the State Energy Department. LCPD will require a minimum of three bids for each material item purchased for this project. For this project LCPD has received quotes for the following charger manufactures that allow for credit card payments: ABB, EFACEC & BTC Power. BTC Power has been determined the best option to fit the existing electrical service current located on site.	One month from time of award (in conjunction with design)
Task/Milestone	10	<i>Construc-</i>	<i>Report to GOE will include</i>	LCPD will construct in-house the following: LCPD will tap on-	10-14 weeks

**GOE NEH Funding Opportunity April 2018
Attachment 2: Subgrant Workplan Template**

Task/ Milestone	Start Date	Activity	Deliverable	Detailed Description	Completion Date
stone 4	weeks from time of award	<i>tion/Installation</i>	<i>construction start/end dates, labor used (e.g., in-house, subcontract) Expect approximately 35% of the budget will be allocated for this Task/Milestone</i>	to Alamo Power District #5 system. An upgrade is needed to supply three phase power to the location where the EV chargers will be going. LCPD will pull in some bigger conductor to help handle the load of the EV chargers. LCPD will install one new 300 kVA padmount transformer. LCPD will install one new three phase commercial meter pedestal. LCPD will install two (2) level three, 50 kW D.C. fast chargers. LCPD will install all primary and secondary cable, conduit systems, and related equipment. It is anticipated that LCPD will construct three parking stalls next to the Physical Therapy building on Hwy. 93. All signage and indicators will be supplied by LCPD.	from time of equipment purchase
Task/Mile stone 5	4 weeks from start of con- struc- tion	<i>Final Closeout</i>	<i>Final report to GOE will in- clude wrap-up of the project, photos of the completed in- stallation, final invoices for equipment purchases and post construction design up- dates (as-built drawings, specs, costs). Expect approximately 5% of the budget will be allocated for this Task/Milestone</i>	LCPD will take pictures throughout the stages of the project and submit them to the GOE at the closing of the project. LCPD will provide GOE all as-builts, equipment specifications, and final costs of the project.	4 weeks from start of con- struction

Notes: Complete the table above. The items pre-populated are suggested items. Percentages noted are estimates and are adjustable, based on the individual subgrantee. Tie each Task/milestone to the budget on the budget template provided. Provide a more detailed description of the work that will take place in order to complete each Task/Milestone, including information on how the Deliverable will be produced and to what specifications.

ATTACHMENT C

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

ATTACHMENT C

DETAILED PLAN FOR REPORTING ON ELIGIBLE MITIGATION ACTION IMPLEMENTATION

The Nevada Division of Environmental Protection (NDEP) will provide detailed reporting on this Volkswagen (VW) Environmental Mitigation Trust Fund for State Beneficiaries Eligible Mitigation Action project in two ways: 1, timely updates to NDEP's VW Environmental Mitigation Trust Fund webpage; and 2, Nevada's semiannual reporting obligation to Wilmington Trust (the "Trustee").

NDEP maintains a VW Environmental Mitigation Trust Fund specific webpage that has been designed to support public access and limit burden for the general public. The NDEP's VW specific webpage can currently be found at <https://ndep.nv.gov/air/vw-settlement>. Timely updates to the webpage will inform the general public on the project's status as well as when this Eligible Mitigation Action has been completed.

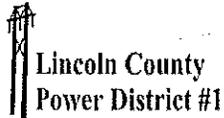
Subparagraph 5.3 of the Environmental Mitigation Trust Agreement for State Beneficiaries details Nevada's Reporting Obligations:

"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 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."

NDEP shall, in the next semiannual report following the Trustee's approval of this project, describe the progress implementing this Eligible Mitigation Action that will include a summary of all costs expended on the Eligible Mitigation Action through the reporting date. The report will also include a complete description of the status, development, implementation (including project schedule and milestone updates), and any modification to this Eligible Mitigation Action.

ATTACHMENT D

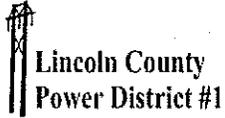
**DETAILED COST ESTIMATES FROM SELECTED OR POTENTIAL VENDORS FOR
EACH PROPOSED EXPENDITURE EXCEEDING \$25,000**



LINCOLN COUNTY POWER DISTRICT NO. 1
 HC 74, Box 101
 Pioche, Nevada 89043
 (775) 962-5122 - Fax (775) 962-5299

COST ESTIMATE		Date Prepared: 4/17/2019
Project EV Charging Station Alamo	Facility:	Alamo Power District
Description: Lincoln County Power District (LCPD) will install an electric vehicle (EV) charging station in Alamo, Nevada on U.S. 93 . LCPD will tap existing distribution circuit to run three (3) phase power to new EV charging station located Alamo Physical Therapy Building. LCPD will provide one (2) 50kW DC Fast Charger. LCPD will provide and install all other equipment and materials.		
Notes:		

Item	Description	Unit	Cost Per Unit		Quantity	Extended Price
			Material	Labor/Eq.		
Fast Charger						
1	50 kW DCFC Dual - Slim Line	Ea.	\$29,015.00		2	\$58,030.00
2	BTC CradlePoint Cellular Modem (Verizon)	Ea.	\$894.00		2	\$1,788.00
3	Sky 5 - Year Fleet License Add-On	Ea.	\$2,125.00		2	\$4,250.00
4	3 Year Extended Warranty	Ea.	\$3,200.00		2	\$6,400.00
5	Sky Commissioning	Ea.	\$150.00		2	\$300.00
6	Freight	Ea.	\$400.00		2	\$800.00
	Total Costs					\$71,568.00
Slow Charger						
7	Level 2 Slow Charger	Ea.	\$4,554.00		0	\$0.00
8	Power Cable Retractor	Ea.	\$320.00		0	\$0.00
9	Sky 5-Year Fleet License Add-On	Ea.	\$1,700.00		0	\$0.00
10	Extended Warranty	Ea.	\$1,145.00		0	\$0.00
	Total Costs					\$0.00
11	Transformer	Ea.	\$10,250.00		1	\$10,250.00
12	Metering Equipment	Ea.	\$5,000.00		1	\$5,000.00
Primary Overhead						
13	Resizing OH Conductor	Ea.	\$25,000.00		1	\$25,000.00
14	Reinsulating Old Poles	Ea.	\$20,000.00		1	\$20,000.00
15	Misc. (Moving Services, Upsizing XFMRs, etc.)	Ea.	\$10,000.00		1	\$10,000.00
Primary Underground Installation						
16	Bore Machine	Ea.	\$6,000.00		1	\$6,000.00
17	Cable-in-Conduit Primary Wire	Ea.	\$10,000.00		1	\$10,000.00
	Riser Structure and Switch	Ea.	\$25,000.00		1	\$25,000.00
18	Secondary Power Installation	Ea.	\$1,000.00		1	\$1,000.00
Misc. Equipment						
19	Light Equipment	Ea.	\$5,000.00		1	\$5,000.00
20	N.D.O.T. Signage Estimated \$	Ea.	\$1,500.00		1	\$1,500.00



LINCOLN COUNTY POWER DISTRICT NO. 1
HC 74, Box 101
Pioche, Nevada 89043
(775) 962-5122 - Fax (775) 962-5299

Base Item	Description	Unit	Cost Per Unit		Quantity	Extended Price
			Material	Labor/Eq.		
Site Development						
20	Labor and Equipment	Ea.	\$31,000.00		1	\$31,000.00
21	Concrete	Ea.	\$5,000.00		1	\$5,000.00
22	Surveyor	Ea.	\$3,000.00		1	\$3,000.00
23	Misc./Restoration	Ea.	\$1,000.00		1	\$1,000.00
Labor and Equipment						
24	Labor and Overhead	Hr		\$75.00	540.0	\$40,500.00
25	Mileage	Mi.		\$0.66	3,045	\$2,014.00
26	Lodging and Per Diem	Ea.		\$6,288.00	0	\$0.00
Permitting, Survey, Engineering						
27	Engineering, Project Design & Material Procurement	Lot		\$14,500.00	1	\$14,500.00
Subtotal Project Cost						\$287,332.00
Contingency @ 4.5%						\$12,668.00
Total Project Cost						\$300,000.00

50 kW Slim Line DC Fast Charger

PARAMETERS	MODEL	
	L3S-50-480-01-003	L3S-50-208-01-003
Power Rating	50 kW	50 kW
Connector/Protocol	CHAdEMO, SAE J1772 Combo CCS1	
Network Compatibility	OCPP 1.5/1.6, BTCP Network	
Access Control - Communication	RFID, Credit Card - 4G, Cat-5 Ethernet	
Input Power VAC 3 Phase	480 VAC	208 VAC
Input Power AC Current (FLA)	72 A	166 A
Efficiency Rating	> 90%	
Max Output DC Current	125 A	
Max Output DC Voltage	50 - 500 V	
Surge Protection	6000 VAC	
Ambient Condition	-30 °C to +50 °C, 95% Humidity Non-condensing, 6000 ft Altitude	
Dimension & Weight	34" W x 86" H x 22" D, 850 lbs	
Safety Compliance	ETL Listed for USA and Canada: Complies with UL 2202, UL 2231 UL50E, NEC Article 625, CSA STD C22.2 No. 107.1 FCC Part 15 Class A	

► STANDARD

- Integrated Cord Retractors
- 15" Outdoor Color Display
- Connector Configuration:
 - SAE J1772 Combo CCS1 and CHAdEMO
- Payment types: (OCPP Network Enabled)
 - Credit Card Reader
 - RFID

► OPTIONAL

- ISO 15118:2014
- 4G Modem
- Connector Configuration:
 - Dual SAE J1772 Combo CCS1
 - Single CHAdEMO
 - Single SAE J1772 Combo CCS1

