



**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:** 8/26/2020

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 on Tribal Government land in Schurz, Nevada. Specifically, the charging infrastructure will be installed near the Four Seasons Smoke Shop and Walker River Coffee Roasters at 4060 U.S. 95 Schurz, Nevada 89427. Two Direct Current Fast Chargers (both chargers will have two cords, one SAE Combo and one CHAdeMO, but only one can be in use at a time) and one two-port Level 2 charger 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.

<b>Pollutant</b>	<b>Emissions Reductions (tons)</b>
NOx	0.094
PM <sub>2.5</sub>	0.009
VOC	0.039
CO	1.546
PM <sub>10</sub>	0.020

## 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.

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

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*<sup>1</sup>; penalty – states that (footnotes added for clarity):

<sup>1</sup> Nevada Department of Conservation and Natural Resources (DCNR)

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 Commission<sup>2</sup>, the Director<sup>3</sup> 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.

<sup>2</sup> Nevada State Environmental Commission

<sup>3</sup> Director of the Department of Conservation and Natural Resources

**ATTACHMENT B**

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

**ATTACHMENT B**

**PROJECT MANAGEMENT PLAN PROJECT SCHEDULE AND MILESTONES**

<b>Milestone</b>	<b>Date</b>
The Nevada Governor’s Office of Energy received the application from NV Energy for the installation of eligible electric vehicle charging infrastructure	CY 2020, Q1
GOE enters into Agreement with NV Energy	CY 2020, Q2
GOE submits application to NDEP	CY 2020, Q3
NDEP enters into Subgrant Agreement with GOE	CY 2020, Q3
NDEP Submits and Trustee acknowledges receipt of project certification and funding direction	CY 2020, Q3
NV Energy completes installation of electric vehicle charging infrastructure	CY 2020, Q4
GOE reports project completion to NDEP	CY 2020, Q4
NDEP reports project completion—any unspent VW State Trust funds will be returned to the Trustee	CY 2021, Q1

**PROJECTED TRUST ALLOCATIONS**

<b>ANNUAL PROJECTIONS</b>	<b>2020</b>
1. Anticipated annual project funding request to be paid through the Trust	\$77,807.40
2. Portion of anticipated project funding request to be paid through the Trust to cover Eligible Mitigation Action Administrative Expenditures	\$7,073.40
3. Portion of anticipated project funding request to be paid through the Trust to cover Eligible Mitigation Action Expenditures	\$70,734.00
4. Anticipated annual cost share	\$212,199.00
5. Anticipated total project funding by year (line 1 plus line 4)	\$290,006.40
<b>CUMULATIVE PROJECTIONS</b>	
6. Cumulative outstanding Trustee payments requested against cumulative approved Beneficiary allocation	\$7,977,985.47
7. Cumulative Trustee payments made to date against cumulative approved Beneficiary allocation	\$4,835,805.71
8. Beneficiary funding to be paid through the Trust for this project (sum of line 1)	\$77,807.40
9. Total funding approved for Beneficiary Eligible Mitigation Actions, inclusive of current Action (sum of lines 6, 7, and 8)	\$12,891,598.58
10. Beneficiary share of estimated funds remaining in Trust	\$20,247,653.41
11. Estimated Beneficiary funds remaining in Trust after project completion (line 10 minus lines 6 and 8)	\$11,982,425.90

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

Name of Applicant:	NV Energy	Name of Project:	NEH Site# 17 - Schurz
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Task/Milestone	Start Date	Activity	Deliverable	Detailed Description	Completion Date
Task/Milestone 1	Upon sign- age of the Grant Agreement	Site Selec- tion	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	NV Energy will provide GOE with a site map and power availability memo per Rule 9 requirements.	TBD
Task/Milestone 2	TBD	Design	Report to GOE will include the drawings, specifications, etc. Expect approximately 15% of the budget will be allocated for this Task/Milestone	NV Energy will review and ensure design, drawings and specifications follow standard industry practice. These drawings will be provided for GOE's review and approval.	TBD
Task/Milestone 3	TBD	Equipment purchase	Report to GOE will include the equipment specifications. Expect approximately 35% of the budget will be allocated for this Task/Milestone	NV Energy will review and ensure the equipment specs out properly for the design of the charging station and uses industry standard purchasing processes that ensure fairness. These specs will be provided for GOE review and approval.	TBD
Task/Milestone 4	TBD	Construction/Installation	Report to GOE will include construction start/end dates, labor used (e.g., in-house, subcontract) Expect approximately 35% of the budget will be allocated for this Task/Milestone	NV Energy will review and ensure Contractor performs and/or contracts out the construction and installation of the charging station in a fair and reasonable manner with all phases of this milestone meeting standard construction and engineering specifications. Furthermore, NV Energy will provide the construction reports for GOE's review and approval.	TBD
Task/Milestone 5	TBD	Final Closeout	Final report to GOE will include wrap-up of the project, photos of the completed installation, final	NV Energy will review and ensure the final report, to be submitted to the Nevada GOE, is complete and documents all phases of the	12/31/2020

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

<b>Task/ Milestone</b>	<b>Start Date</b>	<b>Activity</b>	<b>Deliverable</b>	<b>Detailed Description</b>	<b>Completion Date</b>
			<i>invoices for equipment purchases and post construction design updates (as-built drawings, specs, costs). Expect approximately 5% of the budget will be allocated for this Task/Milestone</i>	<i>project as outlined in these task, milestones and budgets.</i>	

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**



Date of estimate-

9/19/2019

### Electric Ballpark Estimate of Costs

Quoted to:	<u>Verdek LLC</u>
Property Location:	<u>BUREAU OF LAND MANAGEMENT , SHURZ</u>
APN #:	<u>524001 SITE #17</u>
Date:	<u>#####</u>
Designer:	<u>Juan Garcia Diaz</u>
Project Description:	<u>300kVA XFMR 480/277V,80' 3-1/0 Primary</u> <u>1-400A SVC 1-350QX Service 30'</u>

Below is a Ballpark Estimate of requested costs only. If you require an actual cost estimate of this installation, an engineering advance in the amount of \$5,000.00 is required at the time of inquiry.

Proportionate Share Costs		\$0.00
Refundable Costs		<u>\$41,669.40</u>
Total Refundable Costs		\$41,669.40
Construction Allowance		<u>\$0.00</u>
* Total Refundable Taxable		\$41,669.40
Tax Liability on Refundable Costs		\$5,417.00
Nonrefundable Costs		\$532.00
Tax Liability on Nonrefundable Costs		\$69.00
Tax Liability on Contributed Facilities	\$949.00	\$123.00
Total Ballpark Estimate due SPPCo.		\$47,810.40

If you have any questions regarding this estimate, please call Juan Garcia Diaz at (775) 834-2501.

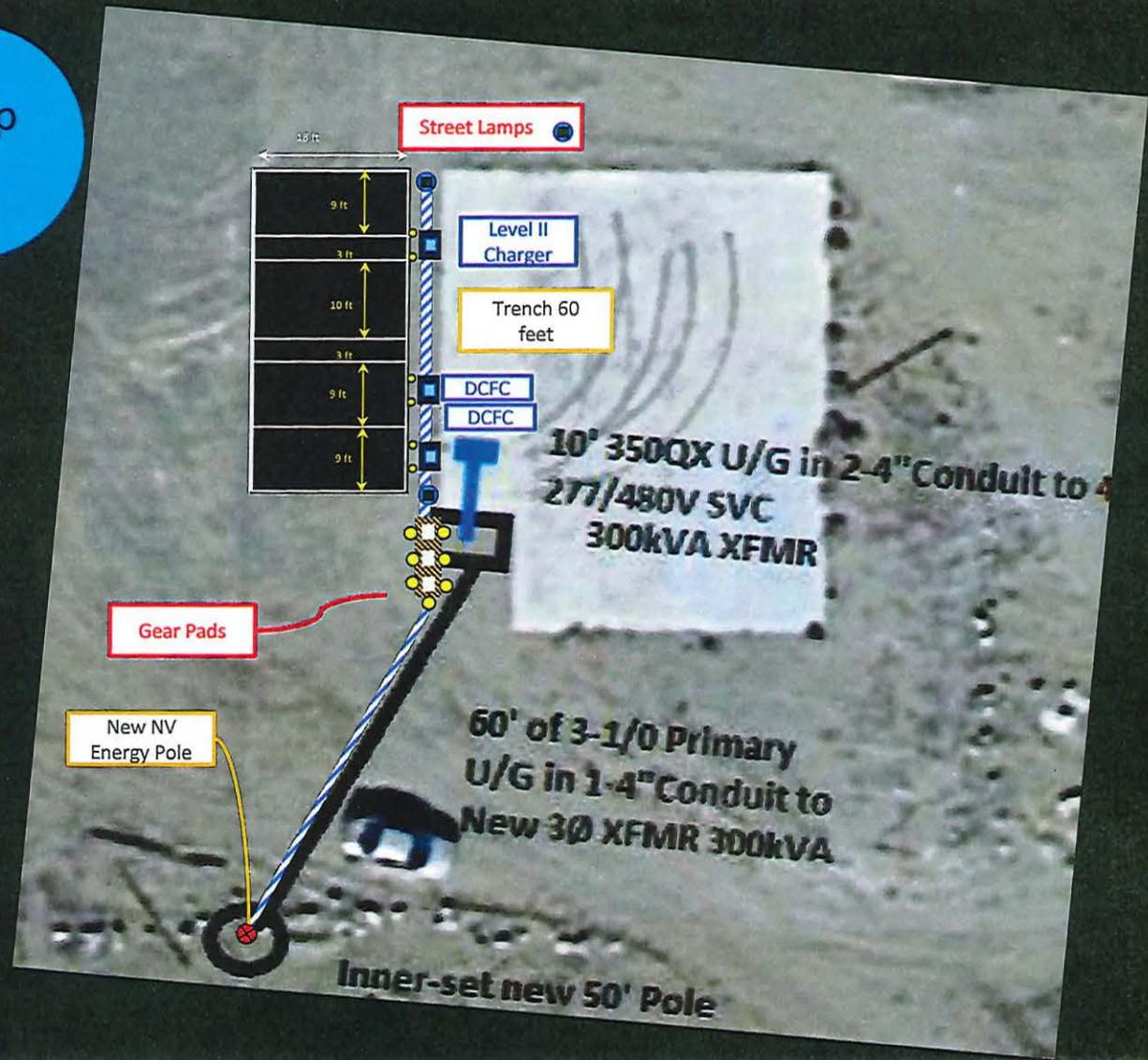
\*Total Refundable Cost is eligible for refund only if additional units, meters or KVA is installed on project, per Rule 9.

*NV Energy's rules are subject to change by policy, standards, or by the Public Service Commission of Nevada.*

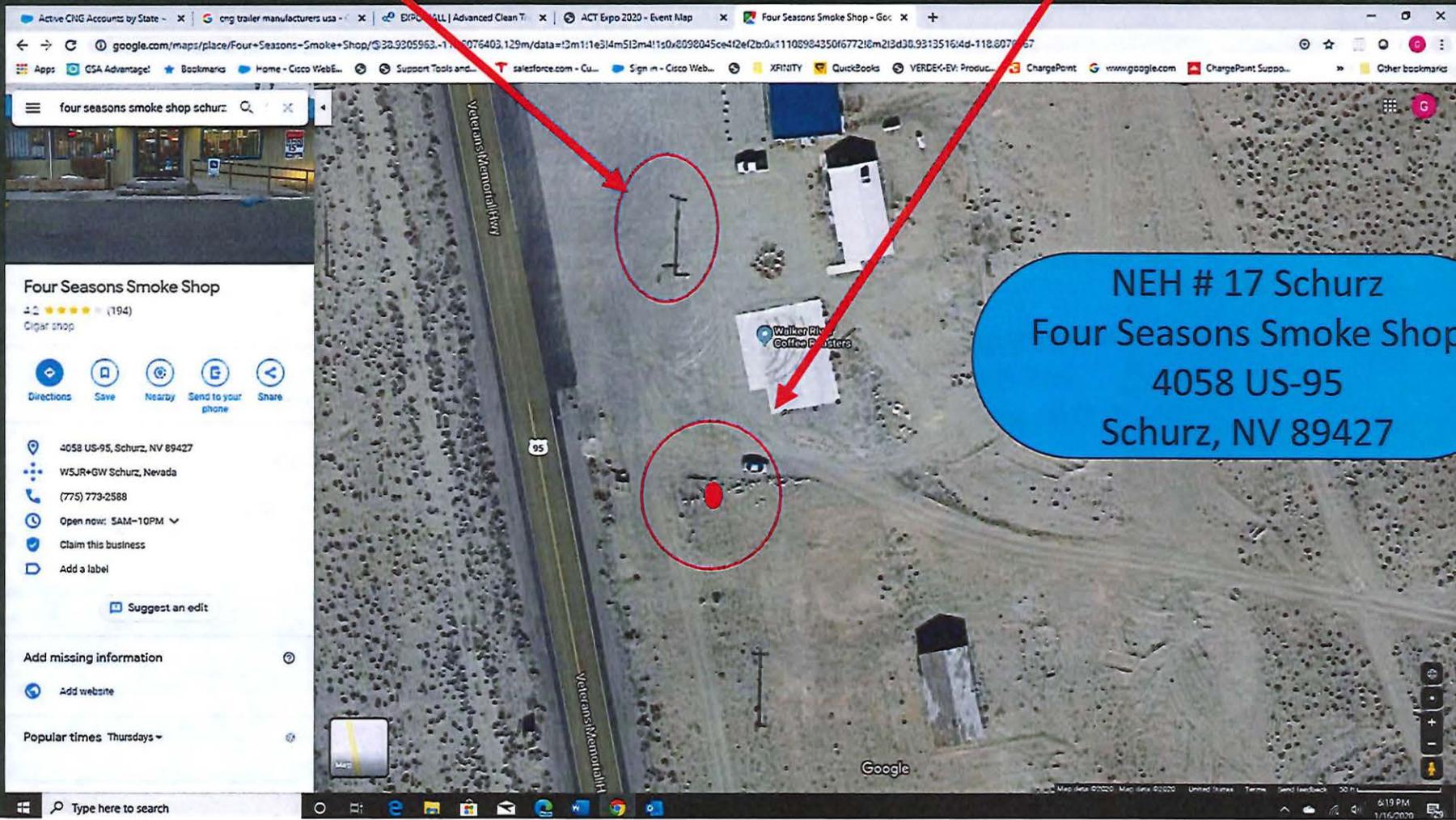
***This is a ballpark only, actual costs could vary based on field conditions or changes to design by either NV Energy or the customer.***

Revised 6/11/2019

NEH # 17 Schurz  
Four Seasons Smoke Shop  
4058 US-95  
Schurz, NV 89427



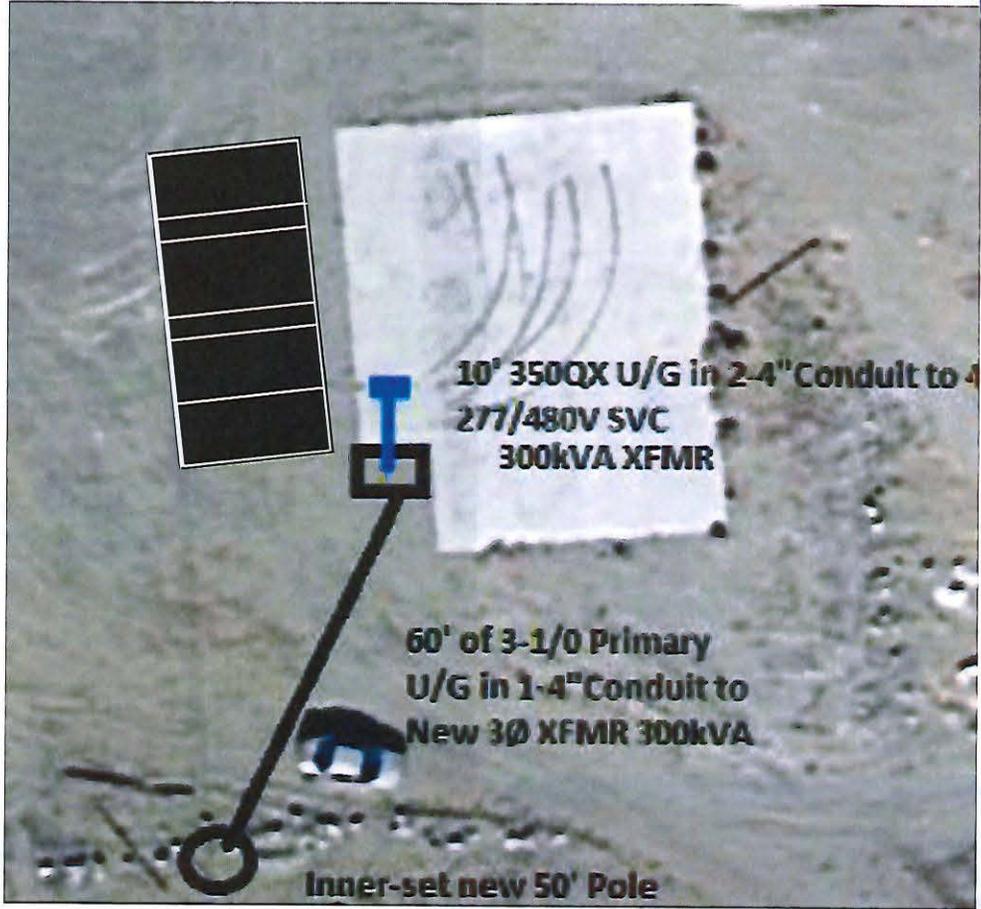
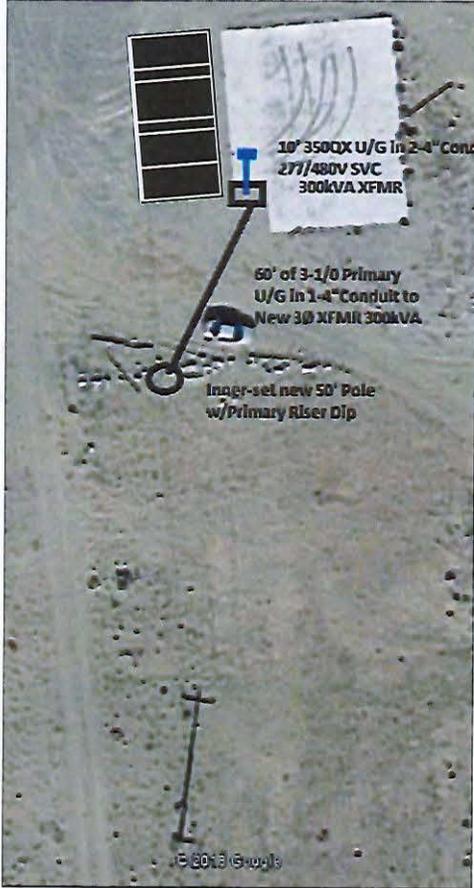
The pole numbers we would be inner setting a pole between is P1165505 and 239920.



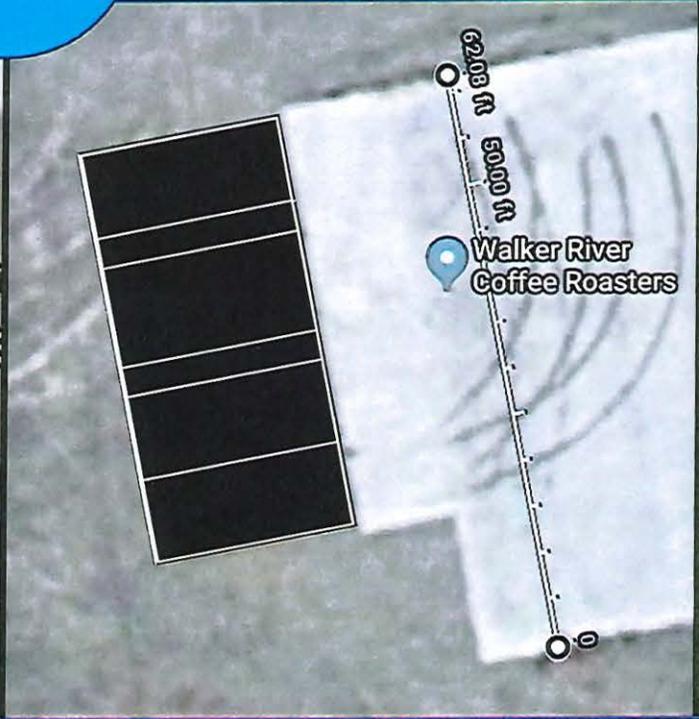


NEH # 17 Schurz  
Four Seasons Smoke Shop  
4058 US-95  
Schurz, NV 89427

NEH # 17 Schurz  
Four Seasons Smoke Shop  
4058 US-95  
Schurz, NV 89427



NEH # 17 Schurz  
Four Seasons Smoke Shop  
4058 US-95  
Schurz, NV 89427



Site Pricing

Site information					
Basket #					
GOE Site Number					
Highway					
Site location					
Site Physical Address					
<b>Land Acquisition</b>	<b>UOM</b>	<b>\$/UOM*</b>	<b>Value</b>	<b>Total/UOM</b>	<b>Notes</b>
Estimated land acquisition cost	Site			\$ 10,000.00	
<b>Labor Unit Description</b>	<b>UOM</b>	<b>\$/UOM*</b>	<b>Value</b>	<b>Total/UOM</b>	<b>Notes</b>
Site Design*	Site			\$ 10,799.50	
Trench Excavation, conduit install, backfill (Hard Scape)	LFT	\$ 102.41	0	\$ -	
Trench Excavation, conduit install, backfill (Soft Scape)	LFT	\$ 82.08	120	\$ 9,849.60	
Demo Existing Curb & Gutter	LFT	\$ 15.12	0	\$ -	
Demo/modify Existing utility	LFT	\$ 72.51	0	\$ -	
Demo (E) Tree	EA	\$ 932.88	0	\$ -	
Concrete Pad Install	EA	\$ 1,082.83	6	\$ 6,496.98	
Switchgear Install	EA	\$ 3,153.45	1	\$ 3,153.45	
Electric Panel/disconnect Installation	EA	\$ 3,141.93	1	\$ 3,141.93	
Light and fixture Installation	EA	\$ 3,866.22	2	\$ 7,732.44	
Pad-mount XFMR Installation	EA	\$ 2,419.09	1	\$ 2,419.09	
Underground XFMR Installation	EA	\$ 13,040.89	0	\$ -	
Underground Vault Installation	EA	\$ 14,263.80	0	\$ -	
Bollard Installation	EA	\$ 431.98	13	\$ 5,615.74	
DC Fast Charger Installation	EA	\$ 835.16	2	\$ 1,670.32	
Level II Charger Installation	EA	\$ 705.57	1	\$ 705.57	
Restoration Asphalt	SQFT	\$ 17.64	800	\$ 14,112.00	
Restoration Concrete	SQFT	\$ 22.23	0	\$ -	
Restoration Tree/Landscape	EA	\$ 1,231.88	0	\$ -	
Restoration Striping	LFT	\$ 12.96	150	\$ 1,944.00	
ADA Compliance	Site	\$ 12,890.28	0	\$ -	
Signage	Site	\$ 467.98	4	\$ 1,871.92	
<b>Material</b>	<b>UOM</b>	<b>\$/UOM*</b>			
Level II Charger Price	Charger	\$ 5,000.00	1	\$ 5,000.00	
DCFC	Charger	\$ 33,575.00	2	\$ 67,150.00	
Switchgear	EA	\$ 9,866.42	1	\$ 9,866.42	
Electric Panel/disconnect	EA	\$ 2,246.30	1	\$ 2,246.30	
Light and fixture	EA	\$ 1,085.71	2	\$ 2,171.42	
Pad-mount XFMR	EA	\$ 10,828.30	1	\$ 10,828.30	
Underground XFMR	EA	\$ 2,368.08	0	\$ -	
Underground Vault	EA	\$ 18,612.75	0	\$ -	
Bollard Installation	EA	\$ 215.99	13	\$ 2,807.87	
Balance of Material	Site			\$ 9,829.26	
<b>Software and Warranty</b>					
Software/Network Fee covering five (5) year duration	Charger	\$ 3,840.00	2	\$ 7,680.00	
Warranty covering five (5) year duration	Charger	\$ 6,868.78	2	\$ 13,737.56	
Level 2 Software Network Fee covering 5 year duration and warranty		\$ 2,650.00	1	\$ 2,650.00	
<b>Other*</b>					
Any other anticipated cost which was not listed	Site			\$ 8,115.00	
			Total	\$ 221,594.67	
*Cost listed under "Other" needs to be fully explained					

GOE Site Number  
 Highway:  
 Site location:  
 Site Physical Address:

26  
 U.S. Route 50 / Lincoln Highway  
 Cold Spring Station  
 52300 Austin Highway Fallon NV

Other*		UOM	\$/UOM*	Value/QTY	Total/UOM	Notes
		EA			\$ -	
Construction Fencing	*	LOT	\$ 3,500.00	1	\$ 3,500.00	
Storage Bin	*	EA	\$ 1,690.00	1	\$ 1,690.00	
Porta Potty	*	EA	\$ 325.00	1	\$ 650.00	
Sink	*	EA	\$ 357.50	1	\$ 715.00	
Wash Out	*	EA	\$ 260.00	1	\$ 260.00	
Roll Off Dumpster / 10yd	*	EA	\$ 650.00	1	\$ 1,300.00	
					\$ -	
					\$ -	
				Total	\$ 8,115.00	

\*Cost listed under "Other" section need to be fully explained

Balance of Material		UOM	\$/UOM*	Value/QTY	Total/UOM	Notes
1" PVC SCH 40 with connectors		LFT	\$ 0.76	100	\$ 76.00	
1.5" PVC SCH 40 with connectors		LFT	\$ 1.05	0	\$ -	
2" PVC SCH 40 with connectors		LFT	\$ 1.65	0	\$ -	
2.5" PVC SCH 40 with connectors		LFT	\$ 2.37	0	\$ -	
4" PVC SCH 40 with connectors		LFT	\$ 4.65	200	\$ 930.00	
Fiber Optic		LFT	\$ 1.35	0	\$ -	
1" PVC SCH 40 elbow		EA	\$ 2.25	3	\$ 6.75	
1.5" PVC SCH 40 elbow		EA	\$ 4.89	0	\$ -	
2" PVC SCH 40 elbow		EA	\$ 17.64	0	\$ -	
2.5" PVC SCH 40 elbow		EA	\$ 17.82	0	\$ -	
4" PVC SCH 40 elbow		EA	\$ 87.17	6	\$ 523.02	
4" PVC SCH 40 Utility Sweep		EA	\$ 127.69	2	\$ 255.38	
Cat 6 cable		LFT	\$ 1.17	0	\$ -	
#12 THWN wire		LFT	\$ 0.82	0	\$ -	
1-2/C 16AWG Shielded twisted Pair		LFT	\$ 1.27	0	\$ -	
#8 THWN wire		LFT	\$ 1.41	375	\$ 528.75	
#6 THWN wire		LFT	\$ 2.22	0	\$ -	
#4 THWN wire		LFT	\$ 2.59	0	\$ -	
#2 THWN wire		LFT	\$ 3.41	450	\$ 1,534.50	
#1 THWN wire		LFT	\$ 3.98	0	\$ -	
#1/0 THWN wire		LFT	\$ 4.71	0	\$ -	
#2/0 THWN wire		LFT	\$ 5.19	0	\$ -	
#3/0 THWN wire		LFT	\$ 5.94	0	\$ -	
5/8X8' Grounding Rod with Clamp		EA	\$ 42.63	2	\$ 85.26	
#2 Landing Lug		EA	\$ 14.80	12	\$ 177.60	
Asphalt slurry coat		SQFT	\$ 0.75	0	\$ -	
Wheel Stops		EA	\$ 350.00	4	\$ 1,400.00	
Curb & Gutter		LFT	\$ 47.17	0	\$ -	
Asphalt 4" / Resurface excavations		SQFT	\$ 5.39	800	\$ 4,312.00	
TOTAL BALANCE OF MATERIAL EXCLUDING LABOR; line 44					\$ 9,829.26	

# Veefil<sup>RT</sup>

## Credit Card Reader



- + Factory fitted Credit Card Reader for Veefil-RT 50kW Charger
- + Easy to deploy
- + No back-end OCPP integration required to start taking payments
- + API centric reconciliation process
- + Payment models:
  - Fixed price charging session
  - Pre-auth/Post settle variable pricing
  - Financial charge based on elapsed time or kWh consumed
  - Configurable via OCPP

## EUROPE\*1 SPECIFICATIONS

ACQUIRER	EMS
CONTACTLESS <sup>2</sup>	Yes
CHIP/CONTACT <sup>2</sup>	No
MAGNETIC STRIPE <sup>2</sup>	No
NETWORK	Cellular 3G
IP RATING	IP65
IK RATING	IK10 for front
OPERATING TEMPERATURE	-20°C to 50°C
STORAGE TEMPERATURE	-20°C to 70°C
RECONCILIATION	File Download
CONTACTLESS	Debit and Credit: VISA, American Express <sup>3</sup> , MasterCard, Apple Pay, Google Pay
MAGNETIC SWIPE CARD SUPPORT/ INSERT CARD SUPPORT <sup>2,3</sup>	N/A
REGULATORY	CE, RoHS, Green, WEEE
PAYMENT SECURITY	EMVCo, Mastercard, VISA, AMEX, Discover, Troy, SRED, DUKPT, TLS 1.2
WARRANTY	Aligned to Tritium DC Fast Charger Unit Warranty



## USA/CANADA SPECIFICATIONS

ACQUIRER	PayZang
CONTACTLESS <sup>2</sup>	Yes
CHIP/CONTACT <sup>2</sup>	Yes
MAGNETIC STRIPE <sup>2</sup>	Yes
NETWORK	Cellular 4G
IP RATING	IP54
IK RATING	IK10 for front
OPERATING TEMPERATURE	-4°F to 122°F
STORAGE TEMPERATURE	-4°F to 158°F
RECONCILIATION	API, File Download, Automated Email
CONTACTLESS / INSERT CARD SUPPORT <sup>2</sup>	Debit and Credit: VISA, American Express, MasterCard, Apple Pay, Google Pay
MAGNETIC SWIPE CARD SUPPORT <sup>2</sup>	All other card brands
REGULATORY	CE, RoHS, Green, WEEE
PAYMENT SECURITY	EMVCo, Mastercard, VISA, AMEX, Discover, Troy, SRED, DUKPT, TLS 1.2
WARRANTY	Aligned to Tritium DC Fast Charger Unit Warranty



### Notes:

\*1 Austria, Belgium, Channel Islands, Cyprus, Denmark, Finland, France, Germany, Gibraltar, Hungary, Ireland, Isle of Man, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovenia, Spain, Sweden, Switzerland, United Kingdom.

<sup>2</sup> Personal Identification Number (PIN) and Zip Code entry not supported.

<sup>3</sup> American Express available on request with EMS.

# UPT1000



## Unattended Payment Terminal Series

Castles Technology's newly designed UPT1000 device offers multifunctional capabilities for your unattended payment needs such as vending, ticketing, multimedia kiosks, public transportation, laundromats and any other self service solutions.

The UPT1000 is based on a secure Linux platform and has integrated PIN pad, magnetic stripe, chip and contactless card reader functions. The UPT1000 is a perfect, durable and cost effective device for any unattended business needs.



### UPT1000 FEATURES:

- Secure and high performance MCU
- Secure Linux operating system
- 3.5" color display with touch screen or 2.4" color display with physical keypad
- PCI PTS v 4.x, EMV L1 and EMV L2 certified.
- Built- in magnetic stripe, contact and contactless readers
- Supports ISO 14443 Type A, B, ISO 18092 NFC and Sony FeliCa
- Supports RS232, USB, Ethernet and GPRS/3G
- Supports MDB/EXE interface



## Unprecedented Security

- PCI PTS 4.x, EMV L1 L2.

## Incredibly Adaptable

- Options of Touchscreen availability.
- Accepts all payment types - contact, contactless and magnetic stripe.
- Flexible to integrate business applications.

## Exceptional Performance

- High security processor.
- Designed and tested to perform under extreme conditions.
- Allows Linux open architecture OS.

## Contactless Certifications

- Received most of the global contactless certifications.



		UPT1000F	UPT1000K	
<b>Processor</b>		32-bit Secure Microprocessor running powerful Linux based OS		
<b>Memory</b>	Flash/RAM	128 MB/ 64MB (Up to 256 MB/ 128 MB )		
	Micro-SD Socket	No	No	
<b>Display</b>		3.5" Color TFT LCD 320 x 480 Pixels	2.4" Color TFT LCD 320 x 240 Pixels	
<b>Touch Screen</b>		Yes	No	
<b>Card Reader</b>	Magnetic Stripe	ISO 7810,7811 & 7813 Triple Track, Bi-Directional		
	Contact Card	User Card	ISO 7816 ID-1 1.8 V/3V/5V T=0, T=1	
		SAM Card (Up to 4)	2	2
	Contactless (Optional)	ISO 14443 Type A, B, ISO 18092 NFC and Mifare® & SONY® FeliCa Working Frequency 13.56MHz		
	Dual SIM	Yes	Yes	
<b>Communications Interface Options</b>		4G LTE, 3G, 2G , Bluetooth iBeacon, Ethernet		
		RS232 *3, USB OTG *1, USB Host *2		
<b>Indicator</b>	LED - Contactless	No	Yes	
	Speaker	Yes	Yes	
<b>Keypad</b>	Standard Keys	Virtual Keypad (Support PIN on touch)	16	
<b>Environment</b>	Operating Temperature	-20°C to 65°C		
	Storage Temperature	-40°C to 65°C		
	Operating Humidity	5% to 90% non- condensing		
	Storage Humidity	5% to 95% non- condensing		
	IP Ingress Protection	IP 54		
	IK Shock Protection	IK 08		
<b>Certifications</b>	Security & Payment	PCI PTS, EMV L1 L2, TQM, PBOC L1 L2, Visa payWave, MasterCard PayPass, AMEX ExpressPay, JCB J/Speedy, FeliCa, Interac Flash, UnionPay UICS, Discover D-PAS, CUP QuickPass		
	Safety, EMC	CE, FCC, UL, RoHS, WEEE		
<b>Software</b>		SDK, KMS, TMS, GDB, CTOS library, ISO 8583 library, Crypto library		
<b>Crypto</b>		TRNG, DES, T'DES, AES, RSA, MK/SK, DUKPT, T'DES DUKPT		

\*\* Product technical specifications are subject to change without prior notice.



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## JuicePedestal Dual Port

The JuicePedestal offers best-in-class smart charging for businesses and convenient EV charging for drivers. Affordably priced, UL-Certified and with universal EV compatibility, this unit offers flexible charging port configurations and multiple payment options to fit your EV charging needs.



- Cable Management
- Magnetic Credit Card Reader
- Mobile app & RFID accessible
- LTE Cellular Connectivity
- NEMA 4 weather and dust-tight polycarbonate casing

### Connectivity

- WiFi: 802.11 b/g/n 2.4 GHz
- Cellular: LTE (optional)
- Ethernet: 10/100BASE-TX with RJ-45 connector (optional)
- Easy Bluetooth setup
- RFID: Access control and payment enabled through RFID card

### Specifications

Electrical Characteristics	<ul style="list-style-type: none"> <li>• Power: 32A, 7.7 kW</li> <li>• Voltage: 110-240 VAC, single phase input</li> </ul>
Input Cable & Plug	<ul style="list-style-type: none"> <li>• 1.7 ft (0.5m) with NEMA 14-50 plug</li> <li>• 1.7 ft (0.5m) UL-rated hardwire conduit &amp; wiring</li> </ul>
Output Cable & Connector	<ul style="list-style-type: none"> <li>• 25 ft cable</li> <li>• J1772 standard compliant</li> </ul>
Codes and Standards*	<ul style="list-style-type: none"> <li>• FCC Part 15 Class B, NEC 625 compliant, ENERGY STAR*</li> <li>• OCPP 1.6J support</li> <li>• ISO 15118 support (optional)</li> </ul>
Safety*	<ul style="list-style-type: none"> <li>• UL and cUL Listed</li> </ul>
Warranty	<ul style="list-style-type: none"> <li>• 3-year limited parts warranty for commercial use</li> </ul>
Made in USA	<ul style="list-style-type: none"> <li>• From domestic &amp; imported parts</li> </ul>

