



County of Los Alamos

Council Meeting Staff Report

October 16, 2019

Agenda No.:	8.A
Indexes (Council Goals):	* 2019 Council Goal - Investing in Infrastructure
Presenters:	Steve Cummins
Legislative File:	RE0425-19

Title

Incorporated County of Los Alamos Resolution No. 19-25; A Resolution Authorizing the Los Alamos County Utilities Manager to Submit an Application to the New Mexico Environment Department for Funding for Light Duty Electric Vehicle Supply Equipment Projects

Recommended Action

I move that the Board of Public Utilities approve Resolution No. 19-25, a resolution authorizing the Los Alamos County Utilities Manager to submit an application to the New Mexico Environment Department for funding for Light Duty Electric Vehicle Supply Equipment projects, and forward to Council for approval.

Staff Recommendation

Staff recommends approval of the resolution as presented.

Body

The Los Alamos County Department of Public Utilities (DPU) plans to install electric vehicle charging stations at four sites in the County. These charging stations will support the replacement of petroleum-fueled motor vehicles with all-electric vehicles. DPU intends to submit applications to the New Mexico Environmental Department for grant funding of these charging stations. Grant applications are due November 15, 2019.

Based on the grant selection results, staff will return to the Board of Public Utilities with a recommended project scope, budget and an anticipated schedule for construction in the 2nd and 3rd quarter of 2020.

The four sites are:

1. Mesa Library west parking lot (one 2-port level 2 charger)
2. Golf Course (two 2-port level 2 chargers)
3. Municipal Building (one 1-port DC fast charger)
4. White Rock Visitor Center (two 2-port level 2 chargers, one 1-port DC fast charger)

The four sites were selected based on criteria required by the grant application, including but not limited to the following:

1. County-owned property
2. Suitability for residents and visitors
3. Distribution across the County
4. Construction cost
5. Proximity to restaurants and entertainment venues
6. Americans with Disabilities Act accessibility

The charging stations will be operated for at least 10 years. They will offer configurable pricing and communications over cellular networks for handling payments, status, and metrics. DPU will use analyze the metrics to identify opportunities for future electric vehicle charging needs in the County.

Alternatives

The Department of Public Utilities plans to continue the charging station installation project with or without a grant award. The number and type of charging stations will be adjusted to fit the budgeted funding.

Fiscal and Staff Impact

DPU has budgeted \$150,000 for these charging station projects and intends to apply this funding as grant matching funds. Implementation of the project will be handled as normal staff work.

Attachments

A - Resolution 19-25

B - Presentation - Proposal for EV Charging Station Installation