

PROJECT NO. TBD
NATIONAL ELECTRIC VEHICLE INFRASTRUCTURE CONSULTANT
SCOPE OF WORK

1. Introduction.

The Bipartisan Infrastructure Law (BIL) signed into law in November 2021 made funding available to state transportation departments to build out the National Electric Vehicle Infrastructure (NEVI). To comply with the NEVI program funding requirements, the Wyoming Department of Transportation (WYDOT) is developing an Electric Vehicle (EV) deployment plan (NEVI Plan) outlining how the state will use NEVI funding to install electric vehicle charging stations along designated alternative fuel corridors and, if funding is available, additional sites. WYDOT will receive an estimated \$24 million over five years beginning in 2022, acting as the pass-through agency to reimburse EV charging station owners up to 80% of installation costs and up to 80% of operational costs for five years. WYDOT will use NEVI dollars to support private industry, municipalities, and counties in the installation and operation of charging stations but will not own or operate charging stations. To ensure technical and federal regulatory compliance, a Consultant is needed to facilitate the procurement, selection process, and evaluation and monitoring of station installation and operation.

- A. Approval.** The State of Wyoming Zero Emission Working Group (ZEWG) will recommend the best-qualified candidate as described in the State of Wyoming Zero Emission Working Group Strategy. WYDOT will approve and fund the awardee with NEVI funding.

- B. Goals.** The goal of this project is to support private industry, counties, and municipalities in the buildout of the national electric vehicle infrastructure in Wyoming. WYDOT will not own or operate electric vehicle charging stations.

2. Scope of Work.

The Consultant shall be responsible for providing EV and DCFC technical expertise to advise and assist WYDOT in managing the approved NEVI plan. The awardee should be prepared to provide services from the time of award until all NEVI funding is exhausted on or about September 2032.

- A.** The following deliverables are due by October 1, 2022:
 - (i)** If not approved, assist the department in completing and submitting the NEVI plan to the DOT/DOE Joint Office as required by NEVI program guidance.

 - (ii)** Develop and submit detailed DCFC station technical and location requirements in accordance with Wyoming's approved NEVI Plan.

- (iii)** Assist the WYDOT and the ZEWG in setting up and hosting RFP pre-release conference(s) to engage interested stakeholders in solution discussions.
- (iv)** Provide additional technical information to support the RFP pre-release conference including, but not limited to:
 - a. Technical information concerning station capability, location, operation, expandability, connectivity, marking and signage, traffic control, safety, and access.
 - b. Updated EV traffic flow and density estimates.
 - c. Updated utility cost information.
 - d. Compliance with federal civil rights, equity, labor and workforce, Buy America, physical, and cyber security requirements.
 - e. Provide maps, calculations, and technical data required to support conferences and decision making.

B. The following deliverables are due by November 1, 2022:

- (i)** Develop and recommend RFP(s) to advertise opportunities for alternative fuel corridor system build out in accordance with NEVI requirements and Wyoming's approved NEVI Plan.
- (ii)** Provide recommendation on maximum capital expenditure and operational expenditure grant / rebate limits (not to exceed 80% as authorized by NEVI program guidance) as estimated by the system-wide build out and operational costs for the five years following the commissioning of a station.
- (iii)** Provide updated recommendations for station locations off alternative fuel corridor locations based upon travel and best business case data that supports Wyoming's tourism industry.
- (iv)** Provide an analysis of off-corridor utility infrastructure to support DCFC stations.
- (v)** Update station location recommendations based upon EV traffic data as required throughout the project.
- (vi)** Recommend and synchronize public education and information efforts with the department and ZEWG Outreach Team.

- C.** The following capabilities are required by December 1, 2022:
- (i)** Be prepared to evaluate the technical portions of the alternative fuel corridor RFP and select up to five most qualified proposals for each issued RFP. Maintain this capability as WYDOT issues additional RFPs throughout the span of NEVI funding.
 - (ii)** Coordinate with awardee(s) to sequence award and construction dates within five-year funding guidelines.
 - (iii)** Provide DCFC station construction, installation and operation oversight to ensure stations comply with NEVI program requirements.
 - (iv)** Ensure NEVI program reporting requirements are complied with as directed by WYDOT and the DOT/DOE Joint Office.
 - (v)** Continue to provide NEVI program recommendations to the ZEWG to ensure the NEVI program is coordinated and synchronized with other state agency Zero Emission Vehicle activities.
 - (vi)** Provide DCFC station monitoring support to ensure stations meet NEVI program operations, maintenance, connectivity and payment, data sharing and collection, and information accessibility standards.
 - (vii)** Monitor the status of EV market penetration and make recommendations for additional station locations if additional NEVI or other federal program funding becomes available.
 - (viii)** Provide input into annual WYDOT NEVI plan updates.