



**COUNTY OF NEVADA**  
**COMMUNITY DEVELOPMENT AGENCY**  
**DEPARTMENT OF PUBLIC WORKS**  
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Trisha Tillotson  
Community Development Agency Director

David Garcia  
Director of Public Works

**NEVADA COUNTY BOARD OF SUPERVISORS**  
**Board Agenda Memo**

**MEETING DATE:** November 12, 2024  
**TO:** Board of Supervisors  
**FROM:** David Garcia, Director of Public Works  
**SUBJECT:** Resolution authorizing Capital Asset Purchase and the Execution of a Purchase Order in the Amount of \$917,600 for the Purchase of Two (2) 300kW Wireless Inground InductEV Charging Systems (4/5 Affirmative Action Required)

**RECOMMENDATION:** Approve the attached Resolution

**FUNDING:** The procurement will be funded by State of California SB125 program funds and will impact the Transit Services (4281-91003-707-3100) Fiscal Year 2024/25 budget. A separate Board Resolution has been submitted for approval (SR24-1518) on November 12, 2024, to amend the FY2024/25 Transit budget for the total anticipated costs for Tinloy EVCS Construction Phase-1 in the amount of \$2,600,000 which includes the purchase of this capital asset request funded by SB125 Transit Intercity Rail Capital Program (TIRCP) and Zero Emission Transit Capital Program (ZETCP). There is no impact to the General Fund.

**BACKGROUND:** On February 23, 2021, the Board approved Resolution No. 21-047 approving a contract with Gillig, LLC. via State of Virginia Cooperative Agreement E194-81688 to procure two 35ft Low-Floor Battery Electric Zero Emission Transit Buses, Depot Slow Charger and On-Route Fast Charger. Per this agreement, the On-Route Fast Charger is a 150kW wireless inground induction charger manufactured by InductEV (formerly Momentum Dynamics).

Engineering staff, in conjunction with the consultant Engineering Enterprise and PG&E, has developed design and construction bid documents necessary to construct and install the wireless inground onroute chargers at the Tinloy Transit Center in Grass Valley. The onroute chargers are required to provide sufficient energy for the battery-electric buses to complete the typical daily duty cycle requirements associated with all transit routes. As such, and consistent with recommendations in the Nevada County Connects Zero Emission Bus Rollout Plan and in consultation with InductEV and PG&E, staff is proposing the purchase of two (2) additional 300kW Wireless Inground InductEV charging systems to support the full buildout of the onroute charging infrastructure.

This procurement is a sole source procurement as required by the necessity for continuity amongst charging equipment currently installed on our battery electric buses. InductEV is the only producer of compatible charging infrastructure.

Purchasing Policy section 4.6 (A) allows for a sole source procurement exempt from competitive process due to a product or service which is the only product or service that

satisfies the department's operational requirements, usually because of a technological, specialized, or unique character, or proprietary nature.

This project will complete the initial phase of the Transit Services Division transition to zero-emission buses.

This Purchase Order, in the amount of \$917,600 with tax, include the following items.

- Two (2) – 300kW Charging Systems (Ground or Flush Mount): 2 x \$300,000
- Two (2) – 300kW Long-Distance 100' Cable Kit: 2 x \$ 36,000
- Charger Commissioning and Project Support: 2 x \$ 20,000
- 300kW 3 – Year Warranty 2 x \$ 60,000
- Monitoring Software 3-Year Subscription 2 x \$ 10,800
- Freight FOB Nevada County 2 x \$ 9,500
- Sales Tax \$ 45,000

**Attachments:**

1. Resolution authorizing Capital Asset Purchase and the Execution of a Purchase Order in the Amount of \$917,600 for the Purchase of Two (2) 300kW Wireless Inground InductEV Charging Systems.
2. InductEV Equipment Quote
3. Sole Source Engineering Considerations - InductEV

**Item Initiated by:** Robin Van Valkenburgh, Transit Services Manager  
**Approved by:** David Garcia, Director of Public Works