



COUNTY OF NEVADA
COMMUNITY DEVELOPMENT AGENCY
DEPARTMENT OF PUBLIC WORKS
950 MAIDU AVENUE, NEVADA CITY, CA 95959-8617
(530) 265-1411 FAX (530) 265-9849 www.mynevadacounty.com

Trisha Tillotson, PE
Community Development Agency Director

Panos Kokkas, PE
Director of Public Works

NEVADA COUNTY BOARD OF SUPERVISORS
Board Agenda Memo

MEETING DATE: December 14, 2021

TO: Board of Supervisors

FROM: Panos Kokkas, Director of Public Works

SUBJECT: **Resolution Accepting the Construction Documents and Authorizing the Purchasing Agent to Solicit Bids for the McCourtney Road Transfer Station Improvement Project**

RECOMMENDATION: Adopt the Resolution

FUNDING: This project will be primarily funded through Western County Solid Waste fund balance, parcel charge revenue, and a onetime Waste Management contribution of \$5.3 million. Depending on final bid costs and construction timelines, a short-term loan may be required for cashflow purposes. Loan options are being currently researched and vetted in coordination with the County Executive Office and Auditor-Controller in anticipation of this possibility. A budget amendment and, if needed, financing plan will be presented at the time of contract award (expected March 2022).

BACKGROUND: On January 24, 2012, per Resolution 12-052, Nevada County entered into a franchise agreement with Waste Management. As part of that agreement, Waste Management made a financial commitment to Nevada County to fund, in part, the construction of an improved transfer station. On August 27, 2013, after the contract-mandated analysis was conducted and numerous sites were reviewed, the Board of Supervisors (BOS) adopted Resolution 13-395, making the determination that improvements should be made to the existing transfer station facility located on McCourtney Road. On January 26, 2016, the BOS adopted Resolution 16-048, awarding a contract to HDR Engineering, Inc., (HDR) for conceptual design services to explore various site alternatives and ultimately allow the County to identify a preferred alternative for the project site. The conceptual analysis was completed in

December 2016. The preferred alternative identified in the conceptual design analysis was used as the basis for the current project.

On January 10th, 2017, the Nevada County BOS adopted Resolution No. 17-016, directing the Purchasing Agent (in coordination with the Department of Public Works) to solicit Statements of Qualifications from qualified civil engineering or architectural firms interested in developing project plans, specifications and estimates for the McCourtney Road Transfer Station (MRTS) Improvement Project. An award was temporarily postponed allowing the County to negotiate a contract amendment with Waste Management, which included updated terms and conditions associated with project funding and delivery. The Contract amendment was approved on June 25, 2019, per Resolution 19-360. On September 24, 2019, the BOS adopted Resolution 19-528, approving an agreement with HDR for engineering and design services, including environmental document preparation. On March 9, 2021, per Resolution 21-065, the Nevada County Board of Supervisors (BOS) adopted the initial study/mitigated negative declaration for the project.

The preliminary design and engineering phase of the project has been completed. This Resolution will authorize the Purchasing Agent to solicit bids for the construction phase of the McCourtney Road Transfer Station Improvement Project. Bids are expected to be opened in mid-February and the contract is expected to come back to the BOS for authorization to award in March 2022.

PROJECT NEED: The MRTS provides solid waste and recycling transfer services for the communities of Grass Valley, Nevada City, and the unincorporated areas of western Nevada County, California. The facility was constructed in 1994 after the adjacent McCourtney Road landfill closed. As currently designed, the MRTS does not have sufficient capacity to accommodate the volume of vehicles regularly delivering waste to the site, particularly on peak use periods throughout the spring, summer, and fall. This capacity constraint is due to the site's aging infrastructure, compact size, and limited vehicle capacity (particularly at the scale facility and receiving areas).

These deficiencies have been exacerbated in recent years due to several major changes affecting the solid waste stream locally, regionally, and nationally. First, the amount of recyclable materials traffic at the MRTS has increased due to the closure of most CRV buy-back facilities both locally and regionally, including four local facilities operated by RePlanet, as well as Grass Valley Recycle and Recycle Works in Grass Valley. These changes follow the worldwide collapse of the recyclable materials market, China's ban on imported recyclables and outdated bottle bill legislation (AB2020, enacted in 1986). Since 2016, more than 400 buy-back facilities have closed in California. Second, due to increased fire frequency and severity across the state there has been a significant increase in green waste traffic and material volume since 2016. Although the County has partnered with the Fire Safe Council of Nevada County to facilitate very successful annual offsite collection programs throughout the County, the MRTS remains the hub for western Nevada County's year-round green waste programs and will remain an important resource for the community for the foreseeable future. Finally, beginning in January 2022, the County will be mandated to provide an organic food waste

collection and diversion program as outlined in SB1383 and AB1826. Currently our facility does not have adequate infrastructure to accommodate segregated food waste. This project will allow us to repurpose the existing Public Received Area (PRA) for organic waste. In short, the facility was not designed to accommodate the increased demands, cannot accommodate anticipated future growth and is not adequate to allow the County to achieve state mandated organics diversion goals.

PROJECT DESCRIPTION: The proposed project includes several facility and operational changes at the Transfer Station including: 1) the expansion of the site entrance road and installation of new scale facilities (with 2 scale houses and 4 scales); 2) construction of an approximately 48,000 square foot material recovery facility that will be a multiuse receiving and loading facility for recycling and municipal solid waste materials (trash); 3) conversion of the existing PRA building to serve as the organics receiving and transfer building; 4) installation of approximately 170,000 square feet of new or repaved asphalt surfaces, fencing and other circulation improvements; 5) the importation of fill material; 6) the repurposing of the existing trailer/bin storage area for green/yard waste and construction/demolition receiving and transfer operations during construction; and 7) construction of a permanent green/yard waste and construction/demolition receiving and transfer operations area adjacent to the existing PRA. The proposed project would employ a phased construction approach over two construction seasons (2022 & 2023) to allow current operations to continue throughout the construction process.

PROJECT SCHEDULE:

1.	Complete Design and Permitting	November 2021
2.	Board Acceptance of Plans and Specs and Authorization to Advertise Construction	December 2021
4.	Board Award Construction Contract	Spring 2022
5.	Begin Construction	Spring 2022
6.	Complete Construction	Summer/Fall 2023

Item Initiated by: David A. Garcia, Jr., Solid Waste Program Manager

Approved by: Panos Kokkas, PE, Director of Public Works

Submittal Date: November 23, 2021

Revision Date: November 24, 2021