



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

Sean Powers
Community Development Agency Director

Trisha Tillotson
Director of Public Works

File: 310.13.096

NEVADA COUNTY BOARD OF SUPERVISORS
Board Agenda Memo

MEETING DATE: April 10, 2018

TO: Board of Supervisors

FROM: David A. Garcia, Jr., Solid Waste Program Manager

SUBJECT: **Approval of Plans and Specifications, and Authorization to bid the McCourtney Road Landfill Gas Extraction Well Installation Project**

RECOMMENDATION: Approve the attached Resolution.

FUNDING: This agenda item has no financial impact. After bidding is complete, staff will bring the project back to the Board of Supervisors for award of a contract. The project will be funded through the Solid Waste Western budget. A budget amendment is not required and there is no impact on the General Fund.

BACKGROUND: The plans specifications and cost estimate for the McCourtney Road Landfill Gas Extraction Well Installation Project have been completed. This project proposes to drill and construct two landfill gas extraction wells and install associated lateral piping at the McCourtney Road Landfill in Nevada County, California. The purpose of these wells will be to increase the extraction system's zone of influence adjacent to two existing low-flow wells. This will potentially eliminate pockets of landfill gas that may contribute to elevated on-site water quality parameters. Additionally, this project includes the purchase and installation of QED precision wellheads on the two new extraction wells, and 27 existing extraction wells. Our landfill closed approximately 20 years ago, as landfills age accurate well field balancing becomes more important and difficult. Unlike our existing "gate" value system (on/off), the QED system will allow us to precisely adjust and meter gas flow at each well and better balance our well field. The engineer's estimate for the project is \$80,300. The bid opening is tentatively scheduled for June 11, 2018, with work to begin in August 2018.

Anticipated Project Schedule:

Publication of Notice Inviting Bids	April 12, 2018
Pre-Bid Site Walk	May 29, 2018
Contractor Bid Submittal	June 11, 2018
Award Construction Contract	July 10, 2018
Construction	August, 2018

Item Initiated by: David A. Garcia, Jr., Transportation Planner
Approved by: Trisha Tillotson, Director of Public Works
Submittal Date: March 13, 2018
TT:DG:kw