



# Memorandum

## MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT

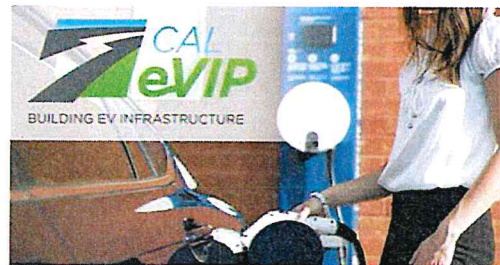
Reviewed by:  Date: 7/20/2020  
General Manager

DATE: July 20, 2020  
TO: General Manager  
FROM: Director of Engineering & Compliance  
SUBJECT: Award A Construction Contract To Monterey Peninsula Engineering For the EV Charging Stations Installation For a Not-To-Exceed Amount of \$75,000

**RECOMMENDATION:** That the Board authorize the General Manager to execute a construction contract with Monterey Peninsula Engineering of Marina, California for the installation of the EV Charging Stations in an amount not-to-exceed \$75,000.00.

### BACKGROUND

Staff recently informed the Board of the District being awarded a grant of up to \$40,000 by the California Energy Commission's Electric Vehicle Incentive Program (CALeVIP) and also being awarded some of the vehicle charging equipment and EV network services through a program with the Monterey Bay Air Resources District (MBARD) in partnership with ChargePoint. Staff retained Whitson Engineers of Monterey, CA. for the Civil Design of the EV Charging Stations and to also improve the existing handicap parking stalls to meet current building code standards. Whitson Engineers retained Aurum Consulting Engineers of Monterey, CA. for the Electrical Design. The project plans are currently being reviewed by the Monterey County Building Department for issuance of an Electrical Permit.



### DISCUSSION

MRWMD has been provided two dual-head chargers through the MBARD program award that will be used for four (4) charging slots in the Administration Office parking area. A single-head charger will be necessary for the mandatory handicap van accessible EV charging station. This EV handicap van accessible parking space is in addition to the two existing handicap accessible parking spaces that the District is required to improve to meet current building code standards. The handicap van accessible space and three of the four other EV charger spaces will have posted signage that indicates that the space is for EV charging use. Improvements of a concrete sidewalk and retaining curb will be required to portions of the landscape strip to provide the disabled persons accessible route of travel between the parking space and the office.

The construction will also include trenching for the electrical and communications cabling, charging equipment installation, concrete sidewalk modifications at the entrance to the office to comply with accessibility requirements, limited asphalt concrete conform paving, signage, and parking space striping and marking.



### FINANCIAL IMPACT

Funds for the EV Charging System improvements were not included in the FY 2020/21 capital improvement budget. Design, permitting, procurement, demo, and construction for the proposed EV Charging Stations improvements is estimated at approximately \$110,000. Application of the maximum grant award amount of \$40,000 would result in a net cost to the District of \$70,000. Staff recommends that a portion of the more than \$100,000 of FY20/21 budget savings associated with the landfill compactor and excavator capital equipment purchases, also on this month's Board agenda, be allocated to fund the EV Charging Stations project. Please note that the project will generate a small amount of revenue annually as it will allow the District to monetize the electrical power used at near retail market prices as opposed to the wholesale pricing that the District currently receives for power sales.

### CONCLUSION

The proposed EV charging stations will provide multiple benefits to MRWMD and its customers as the District continues to pursue Sustainability improvements. Staff anticipates that the charging stations will satisfy the District's site-wide building code requirements for EV charging stations. Therefore, Staff recommends that the MRWMD Board of Directors Authorize the General Manager to execute a construction contract with Monterey Peninsula Engineering of Marina, California for the installation of the EV Charging Stations in an amount not-to-exceed \$75,000.00.

  
Guy R. Petrabor