



CITY HALL

CITY OF ANGELS PO Box 667, 200 Monte Verda St. Suite B, Angels Camp, CA 95222 P: (209) 736-2181

Date : February 25, 2024 (**Amended March 4, 2025**)
To : City Council
From : Chris O'Flinn, Public Works Superintendent
Re : Authorization to pay Pace Supply Company \$399,792.31 for Automatic Meter Reading (AMR) meters, associated hardware and software

RECOMMENDATION

Staff recommends authorizing an order of 956 AMR meters, all associated hardware and software from Pace Supply Company at the cost of \$399,792.31.

Please note that this transaction represents software and approximately 50 percent of the associated hardware. This also does not include installation / labor costs.

BACKGROUND

Public Works staff have been using Badger Meters as a replacement meter for the last five years. These replacement meters can be upgraded to AMR technology without having to replace the existing meter, saving the City money.

In 2022, staff began exploring options for AMR meters which would provide greater efficiency and accuracy for Public Works and Administrative staff. Staff researched equipment, vendors, and pricing as to which meter would best suit the needs of the City and found that Badger Meters would work best for our situation due to the following reasons:

1. The City has already been using Badger Meter equipment for more than five years, and choosing to go with another type of equipment would require the City to replace all pieces of equipment currently installed – including ones that have been recently installed. This would result in additional costs as well as substantial delays in completing the project.
2. Since the City is currently using Badger Meters as a replacement meter when old meters go bad, the City has a stockpile of Badger Meter parts that may not work with a different brand of meter. This would also render the current stockpile of Badger Meters and parts as obsolete inventory – a cost to the City.





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AMR Meter – Pace Supply Company

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3. The City is in the process of updating its current accounting system to Accufund. To achieve the efficiencies and accuracy expected from AMRs, it is essential for all AMRs Citywide to be the same. The soon-to-be Citywide accounting system works in tandem with the Badger AMR meters.
4. Per staff research, Badger Meters was selected as the meter to be used five years ago due to its technical performance, accuracy, and durability. Staff found that the same holds true during its conducted research in 2022.

Pace Supply Company is the local representative as well as the sole source provider for Badger Meters.

On June 18th 2024, the City Council approved the Capital Improvement Project (CIP) to upgrade the City's water meters to AMR meters. This upgrade will reduce the time that field staff spends each month manually reading meters and will reduce the time office staff spends inputting and increase accuracy.

The lead time for this order is 75 working days putting delivery towards the end of June. This order will deplete the replacement meter budget for this fiscal year.

FINANCIAL IMPACT

The City Council approved the AMR (Automated Meter Reading) Project as part of the Fiscal Year 2024-25 budget on June 18, 2024. The project is funded under the Water Capital Improvement Program (CIP), with an allocation of \$400,000 in fiscal year 2024/25 designated for the replacement of existing water meters with smart meters. This funding will cover the procurement of 956 AMR meters, associated hardware, and any necessary software costs. The total 5-year CIP project budget is \$2,000,000.

The City will utilize Pay-Go funds for this project, drawing from the Water Capital Equipment funds in reserve to finance the purchase and installation of AMR meters. There is no additional funding requests associated with this purchase, as the project remains within the approved budget allocation.

ATTACHMENT

1. Quote
2. Sole Source Letter – Badger Meters, dated March 4, 2025

