



City Council  
September 10, 2019  
Item C-1  
Review of Amendment to Contract  
with Water Works Engineers, LLC  
(WWE)

# Recommendations

- Authorize the City Manager to execute the Amendment to Contract with Water Works Engineers, LLC (WWE) for Engineering Design Services for the Water Reclamation Facility (WRF) Lift Station and Offsite Pipelines.

# Why is an amendment needed?

- Delays in the project schedule
  - WWE Internal Project management (\$38,195 or 5.5 percent of total amendment)
- Addition of out of scope work

# Major additional out of scope work items

- Second lift station
- Redundant forcemain
- Trenchless crossing of Willow Camp Creek
- Quintana water line
- Purified water line to injection wells
- Communication conduit
- New forcemain from LS2
- Additional potholing

# Amendment breakdown



Component	Justification	Cost
Second Lift Station	Operational Cost Savings	\$29,000
Redundant Forcemain	Maintenance Flexibility and Operational Costs Savings	\$16,000
Purified Water Line	Eliminated from Future Design Contract	\$225,000
Communications Conduit	Connect to City WAN and SCADA	\$46,000
Forcemain from LS2	Reduction in Operational Costs	\$31,000
Trenchless Crossing of Willow Camp Creek	Avoidance of impacts to wetlands (Waters of the U.S.)	\$47,000
New Quintana Water Line	Fire flow requirements for new WRF	\$94,000
Additional Permitting Support	Addressing NEPA issues for WIFIA and SRF Funding	\$38,000
Vistra Coordination	Procure Site Access	\$14,000
Hydrogeological Support	Support for GSI Groundwater Injection Analysis	\$46,000
Additional Potholing	Reduction in construction claims/change orders during construction	\$106,000
<b>Total</b>		<b>\$692,000</b>

# Budget impacts

- Amendment value is in line with the estimates used in the re-baselined FY 19/20 budget
  - WWE Amendment - \$500,000
  - Additional potholing - \$150,000
  - Pilot well construction - \$150,000

# Recommendations

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# Questions