

SCOPE OF SERVICES

City of Merced On-Call Consultant Services

PROJECT UNDERSTANDING

The City of Merced (City) is looking to obtain an on-call consultant to perform general Civil Engineering design services for future Capital Improvement Projects. Carollo is prepared to assist the City with water, sewer, and storm related projects. Carollo will partner with a City approved subconsultant for specialty items such as surveying, traffic control/road design, environmental consulting, hydrogeological services, and geotechnical services. The following is a general scope of work for areas of service Carollo Engineers, Inc. can assist the City with:

General Civil Engineering Design Services

Carollo Engineers, Inc. can provide general Civil Engineering services in water, sewer, and storm water. The following are outlines of services we see fit to assist the City with their Capital Improvement Program:

Water

- Planning
 - Services include hydraulic modeling, master planning, growth studies, groundwater sustainability planning, asset management, condition assessment, or related projects.
- Design
 - Services include the design of water facilities which include wells, water pipelines, pump stations, reservoir/tanks, water quality improvements, treatment facilities, or related projects.
- Permitting
 - Services include assistance with permitting and projects related to State Water Board Division of Drinking Water approval, city/county approvals (encroachment permits, building permits, etc.) and CEQA documentation.
- Construction
 - Services include construction related services for water design projects. This includes construction management, inspections, or engineering services during construction.

Sewer

- Planning
 - Services include hydraulic modeling, master planning, growth studies, asset management, condition assessment, or related projects.
- Design
 - Services include the design of wastewater facilities which include collection system pipelines, sewer lift stations, treatment facilities, or related projects.
- Permitting

- Services include assistance with permitting and projects related to approval by the Central Valley Regional Water Quality Control Board, city/county approvals (encroachment permits, building permits, etc.) and CEQA documentation.
- Construction
 - Services include construction related services for wastewater design projects. This includes construction management, inspections, or engineering services during construction.

Storm

- Planning
 - Services include hydraulic modeling, master planning, growth studies, asset management, condition assessment, or related project.
- Design
 - Services include the design of storm water facilities which include storm water conveyance (pipelines, culverts, and ditches), pump stations, detention/retention basins, or related projects.
- Construction
 - Services include construction related services for storm water design projects. This includes construction management, inspections, or engineering services during construction.
- Permitting
 - Services include assistance with permitting and projects related to approval by the Central Valley Regional Water Quality Control Board, city/county approvals (encroachment permits, building permits, etc.) and CEQA documentation.

**CAROLLO ENGINEERS, INC.
FEE SCHEDULE**

**As of January 1, 2018
California**

	<u>Hourly Rate</u>
Engineers/Scientists	
Assistant Professional	\$174.00
Professional	213.00
Project Professional	252.00
Lead Project Professional	272.00
Senior Professional	294.00
Technicians	
Technicians	131.00
Senior Technicians	183.00
Support Staff	
Document Processing / Clerical	115.00
Project Equipment Communication Expense (PECE) Per DL Hour	11.70
Other Direct Expenses	
Travel and Subsistence	at cost
Mileage at IRS Reimbursement Rate Effective January 1, 2018	\$.545 per mile
Subconsultant	cost + 10%
Other Direct Cost	cost + 10%
Expert Witness	Rate x 2.0

This fee schedule is subject to annual revisions due to labor adjustments.