

CDC Services

Deerwood Ranch Water System Capital Improvement Plan

Based on discussions from the January 26, 2019 Deerwood Board Meeting, CDC has the following general understanding regarding the development of the Deerwood Water System Capital Improvement Plan (CIP/Study):

BASIC SERVICES

General

- Study will review the water system infrastructure equipment and materials and make recommendations with estimated costs and priorities for upgrades/replacement on the basis of regulations, infrastructure replacement, or improvements to operational performance for the Deerwood Water System, serving Deerwood Ranch, Creek Ranch and Wilkerson Ranch.
- CDC will coordinate with Bruce Thompson, the Water system operator in the development of the water system inventory and evaluation of its condition and needs. Bruce's services are provided under separate contract with Deerwood.
- CDC proposes to meet with the DSC representatives at 30%, 60% and 90% review periods in the course of preparation of this Study.

Conceptual Phase

CDC proposes to provide the following Conceptual Phase services:

- CDC will complete on-site reconnaissance of the water system with Bruce Thompson to obtain a better understanding of the system details and current conditions
- With input from Bruce and review of system drawings, CDC will prepare a water system inventory.

Final Study Phase

CDC proposes to provide the following services:

- CDC will review infrastructure life, replacement costs, potential regulatory requirements, etc for equipment and materials pertinent for the Deerwood water system.
- Prepare exhibit drawings indicating the location of recommended capital improvements.
- CDC will prepare a draft Capital Improvement Plan document for DSC comment
- CDC will incorporate DSC's comments to prepare the final Capital Improvement Plan

ADDITIONAL SERVICES

Note that above described scope of the services is the basis of the proposed Study fee. At the direction of DSC, CDC can also provide Additional Services on a time and materials basis, such as:

- Prepare preliminary design work and detailed cost opinions of selected improvement projects.
- Provide assistance for development of a Geographical Information System (GIS).

- Attend Board meeting/s to present the CIP and answer questions.
- | | |
|---|---------------|
| Provide specialized services not offered by CDC staff; such as structural engineering, water rights reviews, geotechnical engineering, legal counsel, etc. Project Engineer | \$ 110-125/hr |
| Senior CAD Designer | \$ 110/hr |
| CAD Technician | \$ 85-95/hr |
| Clerical | \$ 50-70/hr |

Direct project expenses including equipment rental, travel, lodging, shipping, supplies, and other miscellaneous expenses will be billed at cost. Vehicle mileage will be billed at \$0.85/mile. Reproduction costs are available upon request. An administrative fee of 10% will be applied on all charges received from outside laboratories and subconsultants.

CDC's Fee Schedule is based on providing insurance coverage and limits currently purchased by CDC. If additional coverage is required by the Client, additional charges or changes to the fee structure will occur.

Interest will be charged at the rate of 1.5% per month on all amounts not paid within thirty days of date of invoice. Any payments received shall be credited first to accrued interest and then to principal.

Periodic adjustments may be made to this rate sheet to reflect cost increases to CDC.