



January 27, 2021

Via: US Mail & Email

Mr. Salvador Pleitez, P.E.
City of Fernley, Engineering Department
595 Silver Lace Blvd.
Fernley, Nevada 89408

**Re: Proposal for Professional Civil Engineering Design Services
Cottonwood Lane Maintenance Yard (A.P.N. 021-17-36)
Fernley, Nevada**

Dear Mr. Pleitez:

Thank you for contacting Resource Concepts, Inc. (RCI) and meeting with Presley and me on-site to discuss the proposed Cottonwood Lane Maintenance Yard site improvements. RCI understands the design work on this approximately three-acre site to include grading, drainage and access improvements, protection of the existing well, and Americans with Disabilities Act (ADA) improvements at buildings and parking areas. Concern was expressed about protecting the adjacent residents to the east from cross drainage and noise. As such, additional effort will include the potential for relocating the vehicle fleet to another area of the site or considering construction of a screen wall, along with drainage improvements. RCI work will include the field survey, Schematic Design and Design Development draft plans for a not to exceed budget of \$25,000.00. RCI work will include the following:

Task 1 – Topographic and Boundary Survey \$4,500.00

RCI will perform topographic field survey using our DJI Phantom 4RTK drone. Topographic limits will extend approximately 50 feet beyond parcel lines. Conventional surveying will be used to collect data on existing visible surface features, building corners and building entrance elevations, utilities, Cottonwood Lane along the full subject parcel width, and other features not visible to the aerial drone survey.

The boundary survey will include locating existing boundary monumentation for the parcel. RCI will use the Parcel Mapping for the City of Fernley, filed for record on April 15, 1996 in the office of the Lyon County Recorder, as file Number 192249. No new property corners or corner positions are contemplated to be set for this project. RCI will also rely upon a current Title Report to be provided to RCI by Client.

RCI will prepare a base survey map with a one-foot contour interval and property corners, along with the existing features, utilities and improvements collected during the field survey. The topographic surface will be superimposed on the aerial image for use during design. This map will also be made available to Client in AutoCAD Civil 3D 2019 and/or PDF formats if requested.

Task 2 – Schematic Design \$7,600.00

RCI will prepare a draft initial plan set that will incorporate the survey data and provide enough layout to understand the intent of the plans, as well as an engineer's construction cost estimate. The plans will show

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340 North Minnesota St.
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existing conditions, the proposed layout, grading, ADA locations, and associated notes and details. This submittal will include a full plan set, with the Title Sheet, Notes Sheet, Existing Site and Demolition Plan, Proposed Plan, and detail sheet. The plan set is anticipated to be approximately 60% complete.

Task 3 – Design Development Plans & Drainage Study

\$12,900.00

Upon receipt of one comprehensive set of Schematic Design comments, RCI will incorporate comments into a Design Development plan set. Additional deliverables include a technical drainage study and a revised engineer's construction cost estimate submitted to the City of Fernley for review and comment. This effort constitutes a draft plan set that is not suitable for advertising or construction. RCI understands the final construction plans and later work will be conducted under a separate contract.

Work not in this proposal includes 100% Construction Drawings or Bid Assistance per your January 26, 2021 email, Construction Administration, SWPPP or SWPPP waivers, construction staking or other construction related activities, additional plan submittals or responses, FEMA permitting, or additional services not specifically addressed herein. If requested, RCI will perform any services within our expertise for an additional fee that will be addressed in a contract addendum. RCI invoices will be billed on a monthly basis and anticipated to be paid within 30 calendar days of issuance.

Please contact me with any questions or comments.

Sincerely,



Joseph E. Cacioppo, P.E.

Principal

JEC/jm