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July 22, 2020

Alan Jones, PE – Senior Licensed Engineer
Community Services Department
Engineering and Capital Projects -Utilities
1001 East Ninth Street
Reno, NV 89512

Subject: Proposal for Contract Renewal for the Pleasant Valley Interceptor – Reach 3 Environmental Assessment (EA) and Permitting

Dear Mr. Jones:

NCE is pleased to provide this scope of work to renew the contract to complete the Environmental Assessment (EA) and Permitting for the Pleasant Valley Interceptor – Reach 3 project. This scope of work has been requested to renew our expired contract due to the various delays in the project and technical reports, and to add additional funds to cover unanticipated out of scope costs.

Our original scope in October 2018 was based on the information we had at the time, which was that the 60% plans were complete, the 95% plans would be completed by the end of November 2018, and the cultural and biological reports would be available in late October 2018. The budget was conservative to cover worst case that the biological consultant would need to conduct consultations (yes), there would be some impacts on wetlands in Steamboat Creek (no), and some encroachment into the floodplain (yes). The original budget estimate did not anticipate ongoing engineering efforts associated with changes to design, ultimately resulting in numerous variations of the Project Description and changes to the Area of Potential Effect that significantly delayed the cultural and bio reports and added coordination to deal with the effects on permitting. In addition, there have been additional administrative and project management expenses relating to substantial unanticipated coordination required with the county's consultants and engineers related to the changes and delays. And most recently, changes in the road paving that will require changes to multiple figures and text in the EA (still to be done). We

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estimate that combined, these unforeseen changes consumed at least \$18,000 of the current budget.

Scope of Work

Task 1: Environmental Report

The Environmental Report tasks is now insufficient to complete draft Environmental Report (ER), the Executive Order 11988 compliance, and final ER. We would request the \$15,000 in out-of-scope costs be added to the new contract to complete the project. This assumes no more changes to the project description but does allow for input on the draft and changes for the final form the County, Carollo, and NDEP. We also anticipate additional edits to the ER will be required following Carollo review and comment on the project description currently in the ER. In addition, this includes incorporating comments and changes from agencies on the biological and cultural reports that will need to go into the ER.

Budget request: \$15,000

Deliverables:

- Administrative Draft ER for County and Carollo review and comment
- Draft ER for NDEP review and comment
- Final ER to NDEP

Task 2: WOUS and NDEP Permitting/Monitoring

The \$3,000 remaining in the permitting tasks was used to complete additional changes in the biological report figures and subsequently, the ER figures, based on information from Corollo and NAS. There are now insufficient funds to complete the online submittal for the NDEP Working in Waters (WiW) application, finalize the permit applications and provide them to the County for review, incorporate edits, secure signatures, and then submit them online, as well as mailing a paper copy for the WiW with the check for \$250.

What has not been previously scoped are the USACE and NDEP permit management and coordination requirements. These are unknown until the permits are in hand. We do know that the WiW will require field work (pre-, during-, and post-construction photo documentation) and monthly reports, as well as a final report. The USACE usually doesn't require much except email notification. These costs are estimated to be approximately \$25,000. Please note the County will have to also submit as-builts, which is not a part of this scope and would need to come from Carollo.

Budget request: \$28,000

Deliverables:

- NDEP Working in Waters application and fee
- Incorporate BA into 4 USACE permit applications, submit
- Submit Section 401 to NDEP
- Permit Management and Agency Coordination
- Submit Working in Waterways permit to NDEP
- Permit management and coordination
- Pre-, during-, and post-construction photo documentation
- Monthly reports
- Final report

Task 3: Contingency

Based on the experience to date on this challenging project, this scope includes a contingency budget of \$10,000.

Budget request: \$10,000

The total time and materials budget request is **\$53,000**. This is our best estimate of what it will take to complete the environmental documentation and permitting for this project, assuming no further major changes, plus a contingency.

Please let me know if you have any questions or concerns. I can be reached by email at gervin@ncenet.com, or by cell at 916-764-2498.

Sincerely,



Gail M. Ervin, Ph.D.
Consulting Principal