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February 5, 2019

Alan Jones, PE  
Washoe County, Community Services Department  
1001 East Ninth Street  
Reno, Nevada 89512

**RE: Contract Amendment - Scope of Work for US Army Corps of Engineers and Nevada Division of Environmental Protection Permit Applications**

Dear Mr. Jones,

NCE appreciates the opportunity to provide this scope of work to prepare and submit US Army Corps of Engineers (USACE) Section 404 of the Clean Water Act (CWA) and Nevada Division of Environmental Protection (NDEP) Section 401 of the CWA permit applications. In addition, a NDEP Temporary Discharge to Waters of the State Permit (Dewatering) permit application will be prepared and submitted for the Pleasant Valley Interceptor (PVI) Reach 3 alignment. This scope of work is an amendment to the previous scope of work for the PVI Environmental Report dated October 30, 2018.

**PROJECT UNDERSTANDING**

NCE understands that the project will include the construction of a gravity sewer interceptor starting at the point of connection with Reach 2 south of Steamboat Parkway to the existing Dorothy Towne Pump Station near Feldspar Court. This portion of the gravity sewer interceptor is approximately 2.75 miles in length.

NCE understands that the project will propose to temporarily impact federal and state of Nevada jurisdictional waters for the installation of the interceptor. Therefore, USACE and NDEP permits will be required prior to the commencement of construction. Specifically, these permits are:

- USACE Nationwide Permit 12 Utility Line Activities (NWP 12)
- NDEP Section 401 Water Quality Certification (401)
- NDEP Dewatering Permit
- NDEP Temporary Permit for Working in Waterways (WiW) (NCE under contract for this permit)

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## SCOPE OF WORK

### **Task 1 – Prepare USACE NWP 12 Applications**

NCE will prepare two separate NWP 12 permit applications for submittal to the USACE. A permit application will be prepared for each drainage crossing; both crossings are on the Damonte Ranch property, specifically on the west side of Sage Hill Road. Per the USACE Sacramento District NWP 12, a Pre-Construction Notification must be prepared and submitted to the USACE because *“the utility line is placed within a jurisdictional area (i.e., water of the United States), and it runs parallel to or along a stream bed that is within that jurisdictional area”*. If additional drainage crossings are needed, then an additional scope and fee will be prepared for your approval.

Each permit application (Pre-Construction Notification) will include the following:

- Cover Letter to USACE
- USACE Application Form ENG 4345
- Attachment 1: Nationwide Permit Pre-Construction Notification Form
  - General Conditions Checklist
  - Regional Conditions Checklist
- Appendix A: Figures
- Appendix B: Site Plans (provided by Carollo Engineering, Inc. (Carollo))
- Appendix C: Waters of the US Delineation Report
- Appendix D: Threatened and Endangered Species Agency Consultation
- Appendix E: Cultural Resources Report (completed by Kautz Environmental Consultants, Inc. (Kautz))
- Appendix F: NDEP 401, Dewatering, and WiW Permit Applications
- Appendix G: Pre-Project Photographs

NCE will coordinate with the USACE about setting a date for a pre-application meeting. At a minimum, NCE, Washoe County, and Carollo will attend the pre-application meeting. NCE will coordinate with Carollo who will provide plan sets for the locations of proposed drainage impacts.

NCE will prepare and email the two draft permit applications to Washoe County for review and comment. NCE will then incorporate appropriate comments on the final draft applications and finalize the two final permit applications. The two final permit applications will be emailed to the USACE for the USACE is now paperless as of January 1, 2019. In addition, a CD of the final permit applications will be produced and mailed to the USACE. NCE will email Washoe County and Carollo a pdf of each final permit application submitted to the USACE. NCE will follow-up with the USACE in the event that USACE has any questions or additional needs.

The Pre-Construction Notification requires a Waters of the US (WOUS) delineation be completed for the drainage crossings. NCE will conduct a WOUS delineation at the proposed drainage crossings. The field data will be collected and the delineation report will be prepared based on the following resources:

- 1987 Corps of Engineers Wetland Delineation Manual
- Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0)
- Updated Datasheet for the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States
- Minimum Standards for Acceptance of Aquatic Resources Delineation Reports for the Sacramento District, issued January 2016
- Updated Map and Drawing Standards for the South Pacific Division Regulatory Program, issued February 10, 2016

The WOUS delineation report will be included at Appendix C of the NWP 12 permit application.

Deliverables:

- Two final draft NWP 12 permit applications to Washoe County (Word and pdf format)
- Two final NWP 12 permit applications to USACE (CD and pdf format)
- Two final NWP 12 permit applications to Washoe County (pdf format)

Fee: \$19,950

### ***Task 2 – NDEP 401 and Dewatering Permit Applications***

NCE will prepare and submit the 401 and Dewatering permit applications to NDEP. The final draft applications will be emailed to Washoe County for your review and comment. NCE will then incorporate appropriate comments on the final draft applications and prepare the final permit applications. The Dewatering permit application will be submitted online through NDEP's permit portal. Typically the NDEP permit applications are too large for a complete online portal submittal; due to this NCE will also mail the Dewatering permit application to NDEP with the permit portal number contained in a brief cover letter. The 401 permit application is only submitted by mailing a paper copy to NDEP. The final permit applications will be emailed to Washoe County.

NCE will work with Carollo to determine the most appropriate dewatering methods.

Deliverables:

- Final draft 401 permit application to Washoe County (Word and pdf format)
- Final draft Dewatering permit application to Washoe County (Word and pdf format)
- Final 401 permit application and cover letter to NDEP and Washoe County (pdf format)
- Final Dewatering permit application and cover letter as an appendix to each NWP 12 permit application (pdf format)

Fee: \$11,325

**Task 3 – On-Call Environmental Services**

NCE will be available for on-call environmental services, this could include but is not limited to: attending client meetings, team meetings, team coordination (Kautz, Carollo, NAS Environmental Consulting), and/or agency meetings, agency correspondence, providing technical reviews and/or environmental technical support.

Services will be provided on an on-call basis within the available approved fee.

Fee: \$3,500

**ASSUMPTIONS**

- Washoe County or Carollo will provide NCE the locations of the drainage impacts.
- Task 1 WOUS delineation field work will be completed by a Senior and Project Scientist within one eight-hour field day.
- NCE assumes that no special status species surveys will be needed.
- Access onto any private land will be provided by Washoe County.
- Carollo will provide NCE the preferred dewatering methods for each drainage crossing.
- The project qualifies for NWP 12 and is able to meet all USACE NWP Regional Conditions and General Conditions.
- No major comments requiring resubmittal of the permit applications or changes to the project design will be received from the USACE or NDEP.
- USACE and NDEP permit compliance monitoring and reporting is not a part of the Scope of Work because we do not know what the project specific permit requirements will be. Once permits are secured, NCE will review permit conditions and will provide a Permit Management scope of work for your review.

- Preparation of the Nevada Construction General Permit is not included in this Scope of Work.

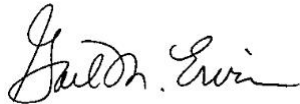
**ESTIMATED FEE**

NCE proposes to provide the above-listed services on a time and materials basis in accordance with our Schedule of Charges 2018. We estimate that our total fees for this added scope of services will not exceed **\$34,775**. Actual hours and fees may vary between tasks as the project progresses. We will notify you immediately of any issue that would impact our estimate and will not perform work in excess of this estimate without your authorization.

We appreciate the continued opportunity to continue to work with Washoe County and look forward to working with you on this project. If you have any questions or additional needs, please call our office at (510) 215-3620.

Respectfully,

**NCE**



Gail M. Ervin, Ph.D.  
Consulting Principal



Debra Lemke, PWS, CPESC  
Senior Scientist