

## Attachment III: Work Plan Example

<p><b>Goal #1:</b> Protect public health through improving water quality in small communities across Colorado.</p>		
<p><b>Objective #1:</b> No later than the expiration date of this contract, replace identified sewer line segments in Example Town, Colorado to reduce infiltration and associated zinc entering the sanitary sewage collection system.</p>		
		<b>Budget</b>
<b>Primary Activity #1</b>	The Contractor shall develop plans and specifications for the replacement sewer work.	\$
<b>Primary Activity #2</b>	The Contractor shall provide construction management and administration services for the project.	\$
<b>Primary Activity #3</b>	The Contractor shall replace identified segments of the sanitary sewer collection lines; install new manholes and install a flow monitoring station with associated appurtenances per approved CDPHE documents.	\$
<b>Standards and Requirements</b>	<ol style="list-style-type: none"> <li>1. The content of electronic documents located on CDPHE and non-CDPHE websites and information contained on CDPHE and non-CDPHE websites may be updated periodically during the contract term. The Contractor shall monitor documents and website content for updates and comply with all updates.</li> <li>2. The Contractor shall comply with the State of Colorado Design Criteria for Wastewater Treatment Works. This document is incorporated and made part of this SOW by reference and is available on the following website: <a href="https://docs.google.com/a/state.co.us/file/d/0Bzn1y1iSZbwrN1NObvBIRjkwOW8/edit?usp=sharing">https://docs.google.com/a/state.co.us/file/d/0Bzn1y1iSZbwrN1NObvBIRjkwOW8/edit?usp=sharing</a>.</li> <li>3. The Contractor shall comply with the Site Location and Design Approval Regulations for Domestic Wastewater Treatment Works (Regulation No. 22) and the State of Colorado Design Criteria for Domestic Wastewater Treatment Works when constructing the facility. This document is incorporated and made part of this SOW by reference and is available on the following website: <a href="https://www.colorado.gov/pacific/cdphe/wq-domestic-wastewater-facility-approval">https://www.colorado.gov/pacific/cdphe/wq-domestic-wastewater-facility-approval</a>.</li> <li>4. The Contractor shall invite the CDPHE project manager via email to any pre-bid and pre-construction meetings related to the construction of the infrastructure project.</li> <li>5. Any required permits shall be the responsibility of the Contractor.</li> <li>6. The Contractor shall research the existing rights-of-way and easements as appropriate to determine if additional easements are required. In the event they are required, the Contractor shall obtain all necessary easements for the project.</li> <li>7. Construction management shall include resident representation, inspection and project punchlist.</li> <li>8. Construction administration services shall include geotechnical services, CDPHE submissions, grant administration, environmental requirements, permits, easements/rights-of-way, reproduction and project audit.</li> <li>9. The specifications shall include installation requirements</li> </ol>	

### Attachment III: Work Plan Example

	<p>for depth of bury, bedding, and compaction requirements.</p> <ol style="list-style-type: none"> <li>10. The Contractor shall not start construction without required CDPHE approval of design documents.</li> <li>11. The final report shall certify the installation of the sewer replacement project is per CDPHE requirements.</li> <li>12. Quarterly and final report forms will be provided by CDPHE.</li> <li>13. Pre/post project sampling and analysis shall be the responsibility of the Contractor.</li> <li>14. Samples shall be taken from either Manhole #15 or Manhole #27.</li> <li>15. CDPHE will conduct a final inspection of the project upon notification of completion from the Contractor.</li> </ol>	
<p style="text-align: center;"><b>Expected Results of the Activity</b></p>	<ol style="list-style-type: none"> <li>1. Eliminating infiltration and associated zinc from entering into the sanitary sewage collection system where the collection main will be replaced will reduce the amount of zinc contained in Example Town’s sanitary sewer collection system and subsequent discharge to Neighbor Town’s wastewater treatment facility and 303(d) stream segment which will address the compliance schedule requirements within Neighbor Town’s discharge permit that are associated with Example Town’s infiltration and zinc.</li> <li>2. Installing the flow monitoring station will provide the ability to determine the amount of raw sewage being conveyed by Example Town to Neighbor Town prior to the connection point with Neighbor Town sanitary sewer collection system.</li> </ol>	
<p style="text-align: center;"><b>Measurement of Expected Results</b></p>	<ol style="list-style-type: none"> <li>1. Discharge sampling test results pre/post project show zinc levels are reduced.</li> <li>2. Hydraulic flow data from new metering vault.</li> </ol>	
		<b>Completion Date</b>
<p style="text-align: center;"><b>Deliverables</b></p>	<ol style="list-style-type: none"> <li>1. The Contractor shall submit the quarterly progress report via email to the project manager.</li> </ol>	<p>No later than Jan. 20, April 20, July 20 and Oct. 20 throughout the contract period.</p>
	<ol style="list-style-type: none"> <li>2. The Contractor shall submit copies of bid documents, bid tabulations, executed agreements, notice of award, and notice to proceed via email to the CDPHE project manager.</li> </ol>	<p>No later than 30 calendar days after agreements are signed.</p>
	<ol style="list-style-type: none"> <li>3. The Contractor shall submit a copy of easements via email to the CDPHE project manager.</li> </ol>	<p>No later than 30 calendar days after agreements are signed.</p>
	<ol style="list-style-type: none"> <li>4. The Contractor shall submit final engineering design documents for the sewer replacement project via email to the CDPHE engineering</li> </ol>	<p>No later than Dec. 31, 2016.</p>

### Attachment III: Work Plan Example

	section manager and the CDPHE project manager.		
	5. The Contractor shall submit post project discharge sampling test results via email to the CDPHE project manager.	No later than the expiration date of this contract.	
	6. The Contractor shall submit the final report including photo summary via email to the CDPHE project manager.	No later than 30 calendar days following final completion.	
TOTAL BUDGET			\$

Example Only