

AMENDMENT NO. 1
TO CONTRACT K-1920-96
FOR
ENGINEERING SERVICES

This Amendment No. 1, dated this _____ day of _____, 2026 is made a part of Contract K-1920-96 (AGREEMENT) dated November 26, 2019, between Norman Utilities Authority (OWNER) and CH2MHill Engineers, Inc. (ENGINEER) for professional engineering services.

The following items are hereby amended and supplemented as described:

1. Scope of Services as amended and supplemented by Exhibit A to Amendment No. 1, attached hereto and incorporated by reference herein.
2. Project Schedule, as amended and supplemented by Exhibit B to Amendment No. 1, attached hereto and incorporated by reference herein.
3. Compensation, as amended and supplemented by Exhibit C to Amendment No. 1, attached hereto and incorporated by reference herein.

Acceptance of the terms of this Amendment is acknowledged by the following authorized signatures of the parties to the Agreement. All other particulars in the original Agreement and not specifically referenced in Amendment No. 1, remain in effect and unchanged.

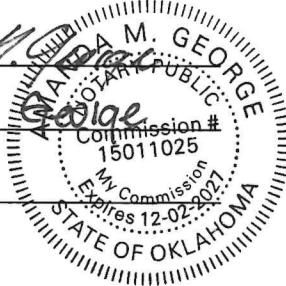
IN WITNESS WHEREOF, OWNER and ENGINEER have executed this AMENDMENT dated this _____ day of _____, 2026.

CH2MHill Engineers, Inc.- ENGINEER

ATTEST

By: *Douglas L. Smith*
 Printed Name: DOUGLAS L. SMITH
 Title: DESIGNATED MANAGER

Amanda M. George
Amanda M. George
Notary



Norman Utilities Authority- OWNER

APPROVED as to form and legality this 19th day of March, 2026.

[Signature]
 City Attorney

APPROVED by the Trustees of the Norman Utilities Authority this _____ day of _____, 2026

ATTEST

By: _____
 Printed Name: _____
 Title: _____

SECRETARY CERTIFICATE

I, Chasity Henry, Secretary of Jacobs Engineering Group Inc. (the "Company"), hereby certify that:

Douglas L. Smith is a Manager of Projects and Designated Manager for the West Central Geography of the Company and has been granted authority in accordance with our Signature Authority Policy to execute documents on behalf of the Company.

I hereby certify that the Secretary Certificate remains in full force and effect at the date of this Certification.

Dated this 17th day of March 2026

Chasity Henry

Chasity Henry, Secretary



**ATTACHMENT A CITY OF NORMAN ROBINSON WATER LINE REPLACEMENT 24TH NE TO
WTP– SCOPE OF SERVICES**
Original – December 17, 2018
Amendment – October 2025

1.0 BACKGROUND

This contract amendment will cover updates to the Robinson 30" Transmission Main 12th Ave NE to 24th Ave NE (Project).

- Project consists of approximately 6,600 LF of 30-inch waterline along Robinson Street beginning approximately 400 feet west of 12th Avenue NE where it will connect to the existing 16-inch water line (immediately west of the valve vault) on the north side of Robinson Street, crossing under Robinson Street and running along the south side of the road and ending approximately 400 feet east of 24th Avenue NE where it will connect to a 30-inch stub-out from a new valve vault (to be designed by others).
- Project received Notice to Proceed on November 26, 2019, with project kickoff on January 14, 2020. Preliminary design (35%) and one detailed design submittal (65%) and one draft detailed design submittal (95%) were completed. Project scope also included survey, geotechnical evaluations and easement acquisition support. Topographic survey has been completed as well as initially required geotechnical boring. Baseline schedule for project anticipated project design was to be completed by December 2020 with advertisement in January 2021. Project was put on hold; this amendment allows for project to move forward with new alignment per notes in drawing markups received July 2025.
- Total design fee for the project was \$171,278 including bid phase services and time and material allowance for survey, geotechnical, SUE and easement preparation for \$108,969. Various delays and issues have affected project schedule and budget, necessitating scope and fee revisions as follows.

The remaining scope for the Robinson 30" Transmission Main 12th Ave NE to 24th Ave NE scope of work is detailed below:

- Develop 95% and 100% Final Design (Issue for Bids) plans and specifications for the pipeline.
- Prepare ODEQ and Oklahoma Department of Transportation (ODOT) permits.
- Develop Opinion of Probable Construction Cost (OPCC) based upon Final Design plans and specifications.
- Provide ongoing engineering support through the bidding process.
- Provide support during construction.

**ATTACHMENT A CITY OF NORMAN ROBINSON WATER LINE REPLACEMENT 24TH NE TO
WTP– SCOPE OF SERVICES**
Original – December 17, 2018
Amendment – October 2025

1.0 BACKGROUND

This contract amendment will cover updates to the Robinson 30" Transmission Main 12th Ave NE to 24th Ave NE (Project).

- Project consists of approximately 6,600 LF of 30-inch waterline along Robinson Street beginning approximately 400 feet west of 12th Avenue NE where it will connect to the existing 16-inch water line (immediately west of the valve vault) on the north side of Robinson Street, crossing under Robinson Street and running along the south side of the road and ending approximately 400 feet east of 24th Avenue NE where it will connect to a 30-inch stub-out from a new valve vault (to be designed by others).
- Project received Notice to Proceed on November 26, 2019, with project kickoff on January 14, 2020. Preliminary design (35%) and one detailed design submittal (65%) and one draft detailed design submittal (95%) were completed. Project scope also included survey, geotechnical evaluations and easement acquisition support. Topographic survey has been completed as well as initially required geotechnical boring. Baseline schedule for project anticipated project design was to be completed by December 2020 with advertisement in January 2021. Project was put on hold; this amendment allows for project to move forward with new alignment per notes in drawing markups received July 2025.
- Total design fee for the project was \$171,278 including bid phase services and time and material allowance for survey, geotechnical, SUE and easement preparation for \$108,969. Various delays and issues have affected project schedule and budget, necessitating scope and fee revisions as follows.

The remaining scope for the Robinson 30" Transmission Main 12th Ave NE to 24th Ave NE scope of work is detailed below:

- Develop 95% and 100% Final Design (Issue for Bids) plans and specifications for the pipeline.
- Prepare ODEQ and Oklahoma Department of Transportation (ODOT) permits.
- Develop Opinion of Probable Construction Cost (OPCC) based upon Final Design plans and specifications.
- Provide ongoing engineering support through the bidding process.
- Provide support during construction.

1.1 Purpose

The intent of this document is to amend the contract to allow for additional design and project management to re-evaluate the 95% design for additional city comments as well as changes to city standards that were issued in 2023. Design will be updated to realign into Robinson Ave. along the two southernmost lanes of traffic. The contract amendment incorporates ten (10) additional geotechnical borings that are necessary to allow for the revised alignment and additional length to extend the pipeline further to the west as a bid alternate. Real estate services will no longer be required; that remaining budget will be used for additional survey required for alignment change and bid alternate extension.

At the time of this document, the project is in the 95% design phase.

2.0 BASIC SERVICES

Basic Services provided by the ENGINEER will generally be covered under the following activities:

- Activity A – Project Coordination
- Activity B – Pipeline Design
- Activity C – Bid Phase Services
- Activity D – Construction Phase Services
- Activity E - Engineering Allowances Specific tasks for each activity are identified in the following sections.
- Activity D – Construction Phase Services

ACTIVITY A - PROJECT COORDINATION

Task 1 – Bi-Monthly Progress Meetings

Bi-Monthly Progress Meetings - ENGINEER will coordinate, prepare for, and conduct bi-monthly coordination meetings to review progress with the OWNER and the consultants working on the design. Meetings will take place at the OWNER's office in Norman.

- a. ENGINEER will prepare an agenda for the meetings.
- b. ENGINEER will moderate the meetings.
- c. ENGINEER will prepare and distribute draft meeting minutes for review within 5 business days of the progress meeting. After receipt of comments, the meeting minutes will be finalized and distributed to the OWNER and sub-consultants for record purposes.
- d. Up to two (2) bi-monthly progress meetings will be held.

Task 2 – Project Management

Provide project management for Activities A, B, and E. Project management will include, but not be limited to, developing and implementing a project management plan; tracking and managing internal schedules of work; monitoring and addressing issues related to the scope of work, budget and deliverables; preparing and processing monthly billings; providing labor resources necessary

to fulfill scoped work; scheduling and participating in quality control reviews; and providing updates to the OWNER on a regular basis.

Deliverables

- a. Draft and Final Meeting Notes for the progress meeting
- b. Monthly Invoices with Project Update
- c. Baseline Design Schedule

ACTIVITY B – PIPELINE DESIGN

Task 1 – Quality Control Meetings

- a. Participate in 95% and 100% design quality control review meetings with OWNER's personnel. The meetings will occur in concert with a monthly progress meeting. ENGINEER will furnish four sets of the draft plans, specifications, and bidding documents to the OWNER for each meeting.
- b. Furnish additional sets to all utility companies affected by the PROJECT. Schedule and attend conference(s) with all affected utility companies to verify horizontal and vertical locations of their existing facilities as required. Revise documents as necessary to reflect utility company and OWNER comments. Obtain written approval from all affected utility companies as to correctness of existing facilities and proposed relocations shown on the revised plans.
- c. Provide a written record of OWNER comments and the ENGINEER's responses.

Task 2 – Pipeline Detailed Design

a. Plans

ENGINEER will develop the plans as follows:

1. ENGINEER will update drawings based on below changes and provide to the OWNER 95% and 100% design submittal for review. The OWNER will review and comment. ENGINEER will provide a written response to OWNER comments and will modify drawings incorporating required changes.

Changes to 95% Design:

- i. Update 95% design based on OWNER comments.
 - ii. Update 95% design to reflect changes in OWNER specifications and engineering conditions dated 2023.
2. ENGINEER will prepare 95% Plans to include proposed plan/profile for the transmission main, existing utilities, property lines with legal descriptions (Lot Nos., Block Nos., and Addition Names), property ownership, proposed permanent and temporary construction easements, geotechnical bore and hydroexcavation

locations, details for connections to the existing water lines, applicable OWNER's standard details (modified as necessary), all other standard and special details required, and other pertinent information needed to construct the project.

3. ENGINEER will prepare 100% Final Design Plans to include proposed plan/profile for the transmission main, existing utilities, property lines with legal descriptions (Lot Nos., Block Nos., and Addition Names), property ownership, proposed permanent and temporary construction easements, geotechnical bore and hydroexcavation locations, details for connections to the existing water lines, applicable OWNER's standard details (modified as necessary), other standard and special details required, and other pertinent information needed to construct the project.
4. ENGINEER will prepare a design that complies with the most recent amendment of all applicable portions of Oklahoma Administrative Code including but not limited to OAC 252:626, Public Water Supply Construction Standards.
5. After completion of the 100% quality control review meeting and prior to the advertisement for bids, ENGINEER will prepare and submit an ODEQ Permit to Construction and three (3) sets of half size plans and specifications to ODEQ for review. If necessary, incorporate modifications requested by permitting entities and obtain all required design approvals and permits. OWNER will be responsible for fees associated with the permitting process.
 - i. OWNER will be responsible for providing hydraulic analysis, including fireflow, as required for ODEQ construction permit.
 - ii. ENGINEER will review the hydraulic analysis and incorporate the required outputs into the ODEQ Permit to Construction application.
6. OWNER will obtain all necessary ROW prior to award of any construction contract(s). Submit plans as required to all parties associated with PROJECT including OWNER, ODEQ and private utility companies. ENGINEER will provide a written response to OWNER comments and will modify documents incorporating required changes. ENGINEER will provide sealed construction contract documents to OWNER.

Task 3 – Specifications

- a. ENGINEER will prepare specifications to fully describe the intended work and convey the intent of the design. ENGINEER will utilize City of Norman Standard Specifications and Construction Drawings (City Specifications) to the maximum extent possible.
 1. All specification sections, including front-end documents, will be provided by the ENGINEER with the 95% design.
 2. The 100% Final Design will include all specifications.

- b. ENGINEER will prepare the bid forms for the proposed work on a unit price basis. Specifications shall include a measurement and payment section fully describing each bid item.
- c. Bid documents shall be prepared by ENGINEER to allow differing construction techniques (i.e. open trench, boring and jacking, or directional boring) and materials (i.e. fusible PVC, HDPE) whenever possible.
- d. The use of additive alternates shall be evaluated by the ENGINEER and incorporated if feasible to provide flexibility in awarding portions of the work that are within the OWNER's budget.

Task 4 – Opinion of Probable Construction Cost (OPCC) Development

- a. ENGINEER will prepare an OPCC for review by the OWNER. This OPCC will be prepared and submitted with 95% (Class 1 Estimate) quality control review of the plans and specifications. The ENGINEER will update the OPCC for submittal with the final sealed plans and specifications.
- b. Preparation of additional construction packages, separate procurement packages or additional OPCC's if requested by the OWNER shall be provided as an ADDITIONAL SERVICE.

Deliverables

- a. 95% quality control review plans and specifications
- b. 95% OPCC
- c. Final sealed plans and specifications
 - 1. 7 sets of half size (11-in x 17-in) plans (3 to ODEQ, 4 to OWNER)
 - 2. 4 sets of specification books
 - 3. Electronic (PDF OCR) files of plans and specifications via optical disc
- d. Final OPCC
- e. ODEQ Permit to Construct Application
 - 1. Hydraulic Analysis for ODEQ Permit to Construct provided by City
 - 2. Additional Information requested by permitting authority

ACTIVITY C – BID PHASE SERVICES

Task 1 - Pre-Bid Activities

Assist the OWNER in the advertisement of the project for competitive bids.

- a. Assist the OWNER in securing bids, preparing addenda, issuing notice to bidders and notifying construction news publications. The notice to bidders will be furnished to the OWNER for publication in the local news media. The cost for publications shall be paid by the OWNER. The ENGINEER will post the bidding documents to Civcast (www.civcastusa.com), a bid management and online bidding service. Prospective bidders can obtain bidding documents from this website free of charge.

- b. Coordinate and conduct a pre-bid conference for the project bid package included in Basic Services.
- c. In conjunction with the OWNER, the ENGINEER will issue addenda in response to questions raised during the bidding process. ENGINEER will transmit addenda to all plan holders via Civcast.

Task 2 – Post-Bid Activities

- a. Assist the OWNER in opening and tabulation of bids for construction of project and recommend to the OWNER as to the proper action on all proposals received.
- b. Following opening of bids, the ENGINEER shall conform the contract documents including all addendum changes. The following contract document sets shall be provided:
 - 1. Four sets of half size (11-in x 17-in) conformed plans.
 - 2. One set of full size (24-in x 36-in) conformed plans.
 - 3. Two conformed specification books for execution by the respective parties.
 - 4. Electronic (PDF OCR) files of the plans and specifications via ftp site or optical disc.
- c. Assist the OWNER in coordinating the execution of the conformed contract documents.
- d. Preparation of additional copies of the documents for the OWNER or other parties will be performed by the ENGINEER as an ADDITIONAL SERVICE.

Deliverables

- a. Written responses to inquiries made during the bidding processes and written addenda to bid package, if required.
- b. Written minutes from pre-bid meeting, including attendance records.
- c. Bid Tabulation Tables, including OPCC comparison.
- d. Written recommendation for Contractor selection.

ACTIVITY D – CONSTRUCTION PHASE SERVICES

The ENGINEER will provide construction phase services for the construction of the 30-in transmission main. This includes construction meetings, submittal processing, and requests for information (RFIs) to support the City of Norman in reaching substantial and final completion of the construction project.

Task 1 – Project Management

The ENGINEER Project Manager will be responsible for coordinating the ENGINEER's team, obtaining and organizing project resources, organizing meetings, monitoring and controlling budget and progress, and communicating with the OWNER.

- a. Project Set-up. ENGINEER Project Manager will set up project, charter initial team and review contractor's baseline schedule for acceptance.
- b. Project Coordination. ENGINEER Project Manager will coordinate with work team members and communicate with OWNER Project Manager/Contract Coordinator to facilitate efficient and effective progression of the work. ENGINEER Project

Manager will monitor budget and progress and otherwise guide the project to successful completion.

- c. General Meetings. ENGINEER Project Manager will prepare meeting agendas, act as the meeting facilitator, take meeting notes, document action items, responsible parties, and required due dates, and distribute meeting notes to participants.

Task 2 – Submittal Reviews

The construction specifications require review and approval of various material specifications prior to installation/construction, with ultimate approval authority resting with OWNER. ENGINEER will utilize either OWNER's preferred software or ProjectSight.

Construction Contractor will prepare an initial overall project baseline schedule that identifies both contractor construction tasks and associated ENGINEER tasks. It is assumed that the construction contractor will prepare this schedule and be responsible for meeting the schedule and updating it. ENGINEER will review the schedule and provide input as it relates to meeting the intent of the design. Critical path work tasks shall be clearly identified, and the overall schedule shall conform to the Subtask milestones and deliverables. OWNER will review monthly contractor schedule updates.

The process of submittal reviews shall be as follows:

1. Construction Contractor uploads submittal to software, which automatically notifies the OWNER Project Manager and ENGINEER of pending action item.
2. ENGINEER will review submittal, discuss it with OWNER and the construction contractor as needed, and provide a recommendation for Approval, Approval with Revisions, or Revise and Resubmit, and forward the documentation back to the OWNER and Construction Contractor.
3. Resubmittals shall be processed in a similar manner.

The scope of expected submittals is identified in the Project Specifications. Budget for the subtask assumes a total of 24 submittals with the assumption that approximately half of submittals will require a resubmittal. Submittals beyond this amount will not be reviewed without a contract amendment.

Deliverables:

- a. Upload to software of all submittal review comments and recommendations.
- b. Upload to software of any supporting documentation pertinent to the submittal review.
- c. Weekly updates to the OWNER Project Manager of submittal status.

Task 3 – Contractor Requests for Information (RFIs)

ENGINEER will review and respond to Construction Contractor's requests for information or clarifications during construction. Construction Contractors will upload RFIs to software. Budget assumption for this subtask is based on the Construction Contractor submitting a total of 36 RFIs. RFIs beyond this amount will not be reviewed without a contract amendment.

Deliverables:

- a. Written response to RFI via software.

Task 4 – Contract Modification Requests

ENGINEER shall provide office support for engineering and technical evaluations, and re-drafting and re-issue of drawings and specifications as needed to address construction issues identified by construction observations, quality assurance testing, and inspections. Budget for this subtask assumes that a maximum of 3 drawings and 2 specs will be re-issued.

Deliverables:

- a. Electronic copy of any engineering and technical evaluations performed.
- b. Original format (CAD, Word, etc.) and electronic copies (pdf) of stamped and signed revised drawings and specifications, as applicable.

Task 5 – Final Inspection and Punch list

ENGINEER shall make 1 site visit near the end of construction to assist OWNER in developing a punch list of outstanding items that the contractor needs to complete to fulfill the construction contract.

Deliverables:

- a. Field report summarizing the site visit and "punch list" of outstanding items that the contractor needs to complete).

Task 6 – Record Drawings and Final Project Documentation

ENGINEER shall prepare record drawings and specifications incorporating revisions and changes made during construction (based upon contractor's record drawing submittal), submit these for OWNER review, make final changes based on the OWNER's comments, and issue final record drawings. It is assumed that the contractor will maintain the as-builts for incorporation into the record drawings.

Deliverables:

- a. Electronic (pdf) copy of the final set of record drawings.

- b. "As-Built" specifications in original Word, and pdf format Record Drawings in digital format (PDF)

ACTIVITY E – ENGINEERING SUBCONTRACTS

a. Additional Geotechnical Investigation

Based on alignment, the geotechnical investigation scope of work will include the following ADDITIONAL tasks:

1. The geotechnical investigation firm will submit a utility locate request for all test pit and boring locations to OKIE811.
2. The purpose of the geotechnical subsurface evaluation is to obtain data and information regarding subsurface conditions for the design and construction of the Robinson 30-inch Transmission Main 12th Ave NE to 24th Ave NE, plus the bid alternate to extend the main just east of Carter Ave.
3. Boring and test pit locations will be provided by the ENGINEER.
4. In the borings, Standard Penetration Tests (SPT) will be conducted every 2.5 feet in the overburden materials in the upper 10 feet, then increase to 5-foot intervals to the boring termination depth. Shelby tubes will be collected in cohesive overburden materials. If bedrock is encountered prior to the proposed boring termination depth, the rock will be tested using Texas Cone Penetrometer (TCP) testing.
5. Groundwater levels will be monitored in all of the boring prior to the borings being grouted or backfilled with the exception of any piezometer locations where a 72hour reading will be taken. If groundwater is encountered in the test pits, the rate of groundwater flow into the excavation will be estimated.
6. Laboratory testing will be conducted as directed by the ENGINEER. Soil samples will be classified in accordance with the Unified Soil Classification System (USCS).
7. After completing the field exploration and laboratory testing, the data and conditions will be analyzed, and the laboratory testing results will be provided. These results will be added as an appendix to the original geotechnical reports already provided for the project.

Geotechnical Deliverables

- ten (10) additional Boring with Boring logs

3.0 ADDITIONAL SERVICES

Additional Services are those services not included in General Services that may be required for the Project but cannot be defined sufficiently at this time to establish a Scope of Work. These include, but are not necessarily limited to the following:

- a. Other services not included in Basic Services that are approved by the OWNER.

- b. Modification of design criteria or significant design changes following review and comment on the 95% and 100% design document submittals.
- c. Labor and Analytical costs associated with water quality sampling, not included in Basic Services or Allowance Tasks.
- d. Archeological investigations
- e. GIS processing of geophysical and/or geotechnical data beyond the assumptions provided in Basic Services or Allowance Tasks
- f. Preparing applications and supporting documents for grants, loans, or planning advances for providing data for detailed applications.
- g. Providing additional copies of reports, plans, specifications, OPCC's and contract documents beyond those specifically described in Basic Services or Allowance Tasks.
- h. Preparing environmental impact statements, storm water discharge permits, and 404 permit applications, except as specifically included in the Basic Services.
- i. Appearing before regulatory agencies or courts as an expert witness in any litigation with third parties other than condemnation proceedings arising from the development or construction of the Project, including the preparation of engineering data and reports for assistance to the OWNER.
- j. Payment of fees for permit applications and publication(s) of notices.
- k. Public relation activities and consulting services.
- l. Services known to be required for completion of the PROJECT that the OWNER agrees are to be furnished by the ENGINEER or by a sub-consultant that cannot be defined sufficiently at this time to establish the maximum compensation.

ASSUMPTIONS AND EXCLUSIONS

- Design will be based on federal, state, and local codes and standards in effect at the start of the project. Any changes in these codes may necessitate a change in scope.
- Design documents will be prepared for a single construction contract.
- OWNER will provide record drawings and Geographic Information System (GIS) files showing locations of existing utilities. ENGINEER will confirm locations of critical utilities using hydroexcavation and will not rely solely on information from the OWNER.
- MicroStation will be used to develop project drawings. The drawings will follow the ENGINEER's CAE/CAD standards.
- Design quality control review meetings with OWNER's personnel will occur in concert with a monthly progress meeting.

- OWNER's Land Department will utilize the contact information and will be responsible for securing ROE so that ENGINEER can access the properties as needed to perform various engineering support tasks.
- OWNER will be responsible for fees associated with ODEQ and any other permitting processes.
- OWNER will obtain all necessary ROW prior to award of any construction contract(s).
- The cost for publications of notice to bidders shall be paid by the OWNER.
- Survey control point locations shall be supplied by the OWNER.
- Abstracting services and title work for property, easement and ROW line workup of proposed easement parcels will be provided to the surveyor by the OWNER. Current platting and/or deed information available at the County will be used for all other project property, easement and ROW lines.
- ENGINEER will be allowed up to 30 calendar days to respond to a submittal, with a goal of 14 calendar days for review, then up to 7 calendar days for OWNER to provide any additional comments.
- Unless otherwise advised by OWNER, the design will specify contractor requirements to obtain any special permits such as those which require work at night and/or noise abatement.
- It is anticipated that no public meetings or external meetings will require ENGINEER attendance.
- Traffic control plans will not be reviewed by the ENGINEER during construction.
- OWNER will be responsible for approving pay requests from contractor. No coordination will be required from ENGINEER.

**ATTACHMENT B ROBINSON WATERLINE REPLACEMENT 24TH AVE NE TO WTP –
SCHEDULE UPDATE**

Project: Robinson 30-inch Transmission Main 12th Ave NE to 24th Ave NE (refer to Table 1 below for Project Schedule)

ENGINEER shall complete and submit 95% plans and specifications to the OWNER within 90 Calendar days following receipt of Contract amendment from the OWNER. Additional survey and Geotechnical investigation will commence once OWNER accepts 95% plans and specifications. ENGINEER shall complete and submit final 100% plans and specifications to the OWNER within 30 working days following completion of additional survey and geotechnical work. ENGINEER shall complete bid phase services within 60 days of acceptance of 100% plans and specifications by OWNER and approval of construction permit by ODEQ.

Table 1: Updated Schedule for Project Completion

Task	Duration Per Contract (Calendar Dates) from NTP	Baseline Schedule Milestones	Actual / Forecast Schedule Milestones
Preliminary Design	N/A	02/17/20	02/17/20
35% Submittal	90	04/10/20	06/30/20
65% Submittal	N/A	06/12/20	02/03/21
95% Submittal	25	07/17/20	05/06/22
95% Re-Submittal	90	N/A	7/1/2026 (Assuming NTP on 04/01/25)
Additional Survey / Geotech	N/A	N/A	7/1/2026
100% Design	30	12/25/20	8/1/2026
Permitting Assistance (ODOT and ODEQ)	30	12/28/20	8/1/2026
Bid Phase Support	60	04/16/21	10/1/2026
Construction NTP			10/15/2026
Construction Completion	365	10/01/21	10/15/2027
Post Construction- As-Builts and Close out	30	10/29/21	11/15/2027

**ATTACHMENT C ROBINSON WATERLINE REPLACEMENT 24TH AVE NE TO WTP –
COMPENSATION**

The OWNER will compensate ENGINEER on a lump sum basis for the SERVICES rendered for Activities A, B, C and D. The lump sum fee for Activities A, B, C and D and the not-to-exceed amount for Activity E is broken down below by task as defined in the Scope of Services:

Activity	Task Description	Original Amount	Increase (Decrease)	Revised Amount
Time & Materials Activities				
A	Project Coordination	\$29,810	\$2,404	\$32,214
B	Pipeline Design	\$127,104	\$51,269	\$178,373
C	Bid Phase Services	\$14,364	\$8,921	\$23,285
D	Construction Phase Services	--	\$57,093	\$57,093
	Expenses (Travel, Documents)	--	\$2,000	\$2,000
	Subtotal for Lump Sum Activities	\$171,278	\$121,687	\$292,965
E	Engineering Allowances			
E1	Survey	\$33,996	\$23,400	\$57,396
E2	Geotechnical	\$35,000	\$6,384	\$41,384
E3	Hydroexcavation	\$5,000	(\$5,000)	\$0
E4	Real Estate	\$34,973	(\$24,784)	\$10,189
	Subtotal for Time & Materials Activities	\$108,969	\$0	\$108,969
	Total Fee	\$280,247	\$121,687	\$401,934

No budgetary allowance has been established for Additional Services. Additional services must be authorized by amendment of the agreement.