

Exhibit A

Amendment No. 1

Amendment to Original Contract for:

**Regency Court Storm Sewer Improvements
Project No. 20-2599 / CIP No. 51301**

BACKGROUND:

During preliminary design, the City of Rapid City has requested Longbranch Civil Engineering, Inc. to increase the scope of the reconstruction area. No new tasks are anticipated from the Main Tasks 1-4 previously provided in the original project contract. Due to the increased scope of area anticipated for the reconstruction project, some of the existing tasks from the original contract have been expanded to accommodate for the additional work needed. Below are the anticipated tasks to be expanded due to the increase in scope of work. The task descriptions below are defined the same as the original “Exhibit A” of the original project contract.

Additionally, the City of Rapid City has requested Longbranch Civil Engineering, Inc. to perform “Expanded Construction Services” for this project. These additional services are to be added to the existing contract. Descriptions of these additional services have been added under “Task 5 – Expanded Construction Services” in this exhibit. Total additional compensation costs pertaining to the change in scope for these original tasks as well as the additional services requested for “Expanded Construction Services” have been calculated and presented in the attached Exhibit B.

SCOPE OF SERVICES TO BE EXPANDED UPON

1.3 Perform site surveys sufficient for design plan preparation. The route and topography survey shall be in NAD 83 (2011) NAVD 88 South Dakota State Plane South Zone. The horizontal and vertical coordinates shall be established from the Rapid City Primary Control Network.

1.8A **Conceptual Design Report**

Prepare a Conceptual Design Report: The consultant shall establish and indicate project specific design criteria and standards within the Conceptual Design Report. The consultant shall submit all design assumptions for pipe sections, water, sewer, and storm sewer locations, pavement sections, etc. The Consultant shall include design life, design criteria, and reference of design resources. The Consultant shall use the City Infrastructure Design Criteria Manual, 2012 Edition to establish design criteria and standards.

The Conceptual Design Report shall evaluate and recommend roadways, project phasing and limits, and other public improvements. Establish pipe sizes, drainage system capacity, complete water quality assessment if necessary, etc. Provide justification for the facility and analysis of alternatives.

The project's geotechnical report shall be included within the Conceptual Project Design Report and include soil classifications, N values, water levels, proctors, CBR's, resistivity tests, slope stability, and testing recommendations. The Consultant shall elaborate on other project components as necessary.

A probable opinion of construction costs for the project(s) shall be included. The costs shall be itemized based on the City's standard bid items and appropriate contingency item allowance.

The consultant shall establish and indicate project specific design criteria and standards within the Conceptual Design Report. Use the City Infrastructure Design Criteria Manual to establish design criteria and standards. The Conceptual Design Report shall provide review of compliance with City's Standard Specifications for construction of the projects. Identify the existing right-of-way (ROW) location and any ROW or easements necessary for the Project. Include size and extent of such ROW and easements and contact information of property owners.

Submit one (1) copy and a PDF version of the Conceptual Design Report and preliminary plans and specifications to City of Rapid City's project manager for review and comment.

1.8B. Conceptual Drawings

Provide one (1) copy and a PDF version of the conceptual drawings, as noted above in 1.9A.

The conceptual drawings shall contain the following sheets:

- Cover Sheet
- Legends
- General notes
- Estimate of quantities
- Quantity tables
- Horizontal alignment and survey control
- Property layout and land ownership
- Easement layout
- Traffic control
- Existing conditions and removal
- Storm water pollution prevention
- Plan and profile sheets
- Curb and gutter replacement
- Rapid City standard details
- Additional project details
- Geotechnical report
- Conform all plan sheets to utilize City of Rapid City drafting standards

- 2.1 Address City comments from the Task 1 City review(s) and finalize Conceptual Design Report. The Conceptual Design Report should be now titled “Project Design Report”
- 2.12 Provide complete plans and specifications for a unit price construction contract. Plan sheets shall be prepared utilizing the latest City of Rapid City Drafting Standards.

Task 5 – Expanded Construction Services

- 5.1 Mark removal limits of appropriate items.
- ~~5.2 Prepare Public Service Announcements (P.S.A.’s) for Engineering Services. Engineering Services will be responsible for distribution to all local media. Copies of P.S.A.’s shall be distributed one week prior to start of work or change in operations that may significantly affect the public~~
- 5.3 Appropriately notify affected Property Owners.
- 5.4 Arrange and conduct appropriate progress meetings. Record minutes and distribute to all attendees.
- 5.5 Provide daily on-site observation to assure that the methods and materials used by the contractor meet the intent of the plans and specifications. For buried installations such as for sewer and water mains the Consultant shall be on site all the time the Contractor is installing these buried installations.
- 5.6 Prepare daily reports. A daily record of activity will be maintained by the inspector including weather conditions, construction progress, deviations from the plans and specifications, work performed, quantities installed and any other pertinent information. Such information shall be neatly and concisely entered into the City of Rapid City Project Inspector’s Diary and Inspection quantity book. Submit detachable copies to Engineering Services on a weekly basis.
- 5.7 Perform stormwater inspections, prepare reports, and keep the erosion and sediment control plans current as required by the ordinance regulating construction site runoff control, Chapter 8.46, and the Stormwater Quality Manual.
- 5.8 Provide soil compaction testing according to the Standard Specifications. All test results shall be submitted to the City of Rapid City within 30 days of project completion.
- ~~5.9 Provide assurance testing (or witness Contractor testing) according to the Standard Specifications. All test results shall be submitted to the City of Rapid City within 30 days of project completion.~~
- 5.10 Prepare and submit monthly pay request information.
- 5.11 Prepare change orders, and extra work orders for contractor on City of Rapid City forms and make recommendations for their approval or denial.
- 5.12 Prepare and submit project completion punch list items to the Contractor and Engineering Services and oversee its completion.
- 5.13 Prepare and submit City of Rapid City project “Construction Project Close-out Checklist” indicating compliance with Standard Specifications and acceptance of the various infrastructure components. The Consultant is responsible for coordinating completion of the checklist items with the Contractor. The checklist is enclosed as Attachment Four for your information.

- 5.14 ~~Prepare letter of certification of project completion verifying compliance with plans and specifications and start of warranty period.~~
- 5.15 ~~Prepare a letter to SDDENR notifying them of project completion.~~
- 5.16 ~~Ensure Contractor's two year warranty surety is provided to the City of Rapid City either within the performance bond or as a separate bond.~~
- 5.17 Assist the City in addressing and communicating warranty items with the Contractor that may arise during the City's two year warranty period.
- 5.18 Perform a 2 year warranty inspection and create a punch list of items for the Contractor to complete.

EXHIBIT B

Regency Court Storm Sewer Improvement - Amendment No. 1

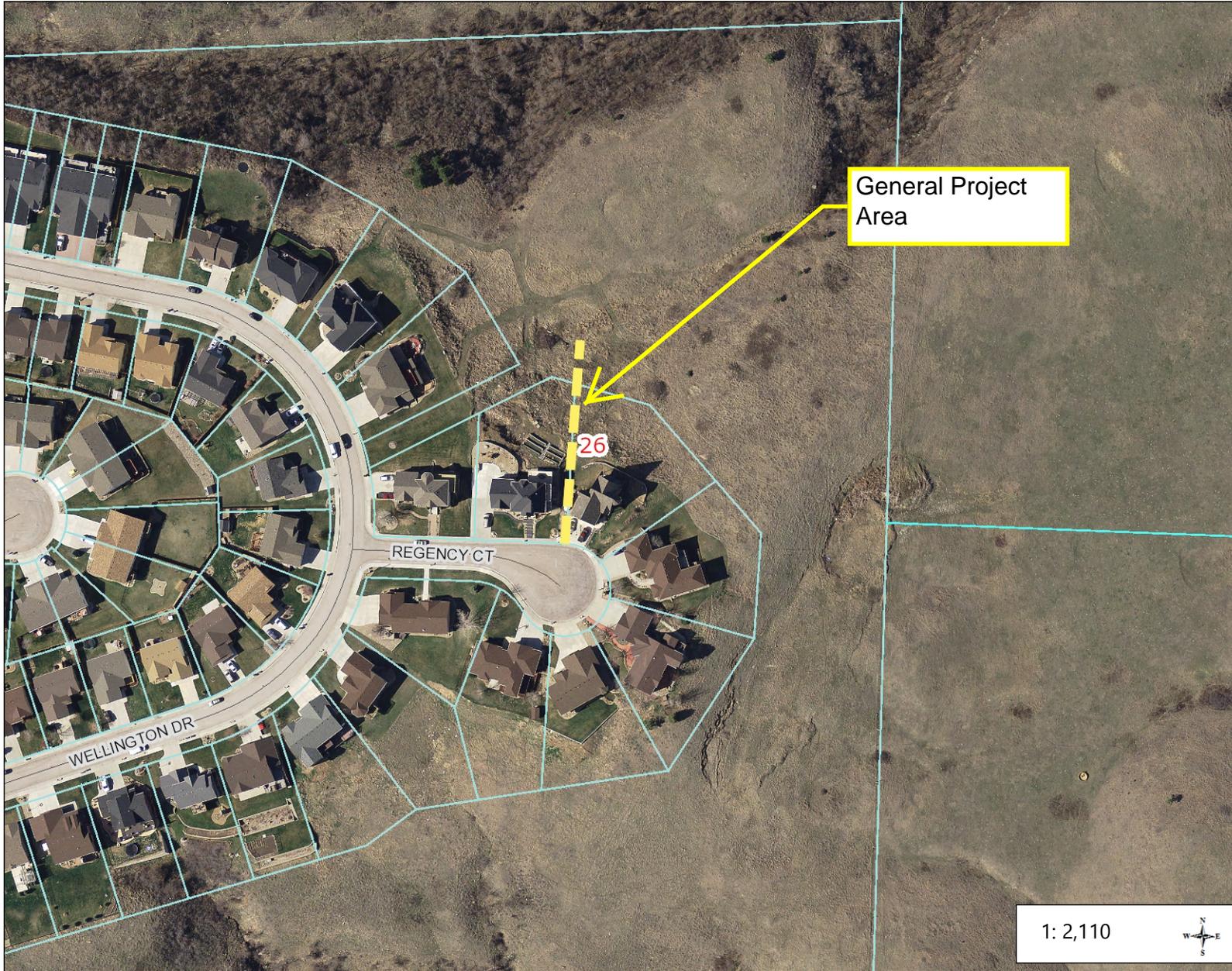
PROJECT NO. 20-2599 / CIP NO. 51301

Number	Task Item	Total Cost
TASK 1 - PRELIMINARY DESIGN SERVICES		
1.3	PERFORM SITE SURVEYS AND PROPERTY RESEARCH	\$1,700.00
1.8	CONCEPTUAL DESIGN SUBMITTAL	\$0.00
1.8A	CONCEPTUAL STORM SEWER ANALYSIS AND REPORT (INCLUDES DESIGN ALTERNATIVES)	\$1,600.00
1.8B	CONCEPTUAL DRAWING	\$1,020.00
TASK #1 TOTAL COST =		\$4,320.00
TASK 2 - FINAL DESIGN SERVICES		
2.1	ADDRESS CITY COMMENTS FROM TASK 1	\$340.00
2.12	PROVIDE COMPLETE PLANS AND SPECS.	\$690.00
TASK #2 TOTAL COST =		\$1,030.00
TASK 5 - EXPANDED CONSTRUCTION SERVICES		
5.1	MARK REMOVAL LIMITS OF APPROPRIATE ITEMS	\$320.00
5.2	PREPARE PUBLIC SERVICE ANNOUNCEMENTS	\$0.00
5.3	NOTIFY AFFECTED PROPERTY OWNERS	\$330.00
5.4	ARRANGE AND CONDUCT PROGRESS MEETINGS	\$1,485.00
5.5	PROVIDE DAILY ON-SITE OBSERVATIONS	\$17,925.00
5.6	PREPARE DAILY REPORTS	\$3,555.00
5.7	PERFORM STORMWATER INSPECTIONS	\$780.00
5.8	PROVIDE SOIL COMPACTION TESTING	\$3,177.40
5.9	WITNESS CONTRACTOR ASSURANCE TESTING	\$0.00
5.10	PREPARE AND SUBMIT MONTHLY PAY REQUEST INFORMATION	\$1,500.00
5.11	PREPARE CHANGE ORDERS AND EXTRA WORK ORDERS	\$660.00
5.12	PREPARE AND SUBMIT PUNCH LIST ITEMS	\$820.00
5.13	PREPARE AND SUBMIT "CONSTRUCTION PROJECT CLOSE-OUT CHECKLIST"	\$620.00
5.14	PREPARE LETTER OF CERTIFICATION OF PROJECT COMPLETION	\$0.00
5.15	PREPARE PROJECT COMPLETION LETTER TO SDDENR	\$0.00
5.16	ENSURE CONTRACTORS TWO-YEAR WARRANTY-SURITY IS PROVIDED	\$0.00
5.17	ADDRESS WARRANTY ITEMS WITH CONTRACTOR DURING WARRANTY PERIOD	\$1,060.00
5.18	PERFORM 2 YEAR WARRANTY INSPECTION AND PREPARE PUNCH LIST ITEMS	\$740.00
TASK #5 TOTAL COST =		\$32,972.40
TOTAL ADDITIONAL COMPENSATION FOR AMENDMENT NO. 1		\$38,322.40
Although dollar values have been provided for each task, Longbranch Civil Engineering, Inc. shall retain the right to relocate monies to other tasks, subject to the maximum limiting fee shown above		

EXHIBIT C
EFFECTIVE LABOR RATES

LONGBRANCH CIVIL ENGINEERING, INC.
HOURLY RATES AND REIMBURSABLE COSTS
2020

Senior Engineer, P.E.	\$120.00 / hr.
Staff Engineer, P.E.	\$90.00 / hr.
Staff Engineer, E.I.T.	\$80.00 / hr.
Land Surveyor, L.S. (Office)	\$100.00 / hr.
Land Surveyor, L.S. (Field)	\$85.00 / hr.
Survey Technician	\$65.00 / hr.
Engineer's On-Site Representative	\$75.00 / hr.
CAD Technician	\$85.00 / hr.
Mileage	\$0.60 / mi.
Plans Reproduction	1.0 x Cost
Reimbursable	1.0 x Cost



Legend

Roads

- Interstate
- US highway
- SD highway
- County highway
- Main road
- Minor arterial
- Collector
- Ramp
- Paved road
- Unpaved road
- Unimproved road
- Trail
- Airport Runway
- Not yet coded

Section Lines 0-25k

Tax Parcels

Lot Lines

- <Null>
- Lot Line
- Parcel Line

1: 2,110



351.6 0 175.82 351.6 Feet

Map Notes: