

**MIDVALE CITY, UTAH
RESOLUTION NO. 2022-R-16**

**A RESOLUTION AUTHORIZING THE MAYOR TO SIGN TASK
ORDER #141.47.100 WITH HANSEN, ALLEN & LUCE FOR THE DESIGN
AND CONSTRUCTION MANAGEMENT SERVICES FOR THE
2022 PIPELINE REPLACEMENT PROJECT**

WHEREAS, Midvale City has budgeted funds from the Public Utilities Enterprise Fund each fiscal year for projects related to the improvement of the City's water system; and

WHEREAS, the City wishes to continue to improve its water system by upgrading and replacing old and undersized water distribution lines; and

WHEREAS, the City has selected Hansen, Allen & Luce, Inc.(HAL) for its water consultant who have, with input from City staff, identified several waterline projects that need to be done; and


WHEREAS, the City has requested HAL prepare a task order for the design and construction management of these projects; and

WHEREAS, this fee will be covered by those budgeted funds.

NOW THEREFORE BE IT RESOLVED, that based on the foregoing, the Midvale City Council adopts this resolution authorizing the Mayor to sign Task Order #141.47.100 with Hansen, Allen, & Luce, Inc. for the design and construction management services for the Center Street & High Tech Drive Pipeline Replacement Project.

APPROVED AND ADOPTED this 19th day of April 2022.


Marcus Stevenson, Mayor

ATTEST:

Rori L. Andreason, MMC
City Recorder



Voting by the City Council

"Aye"

"Nay"

Dustin Gettel

☒

Paul Glover

☒

Quinn Sperry

☒

Heidi Robinson

☒

Bryant Brown

☒

Midvale
Contract # 2022-25

TASK ORDER NO. 141.47.100
TO
ENGINEERING SERVICES AGREEMENT

CLIENT: MIDVALE CITY

Effective Date of Agreement: March 22, 2005

THIS TASK ORDER NO. 141.47.100 TO ENGINEERING SERVICES AGREEMENT (this "TASK ORDER") is made and entered into as of the _____ day of _____, 2022, by and between CLIENT and HANSEN, ALLEN & LUCE, INC., ("HAL"), who agree as follows:

1. PROJECT. The PROJECT associated with this TASK ORDER is described as follows: 2022 Pipelines Replacement
The PROJECT SITE is located as follows: 1. Center Street from Trax to State Street and High Tech Drive from 7200 South to the north Midvale City boundary.
2. SCOPE OF SERVICES. The SCOPE OF SERVICES associated with this TASK ORDER is attached hereto as Exhibit T.O. 141.47.100.
3. FEES. CLIENT shall reimburse HAL for services provided under this AGREEMENT on an hourly billing rate plus reimbursable expenses basis, with an estimated not-to-exceed fee of \$140,280.00 in accordance with the HAL Standard Fee Schedule ("FEE SCHEDULE") attached hereto as Exhibit T.O. CLIENT hereby agrees that all fees and charges set forth in the FEE SCHEDULE are acceptable to CLIENT, and CLIENT further agrees to pay all fees and charges to HAL in accordance with the ENGINEERING SERVICES AGREEMENT and FEE SCHEDULE.
4. SCHEDULE. Design SERVICES associated with this TASK ORDER are anticipated to be completed within 120 calendar days following written authorization from the CLIENT to HAL to proceed.
5. ATTACHMENTS AND EXHIBITS. All attachments and exhibits referenced in or attached to this TASK ORDER are incorporated herein and are made a part of the ENGINEERING SERVICES AGREEMENT.
6. CLIENT has read and understood all ATTACHMENTS and EXHIBITS and agrees that such items are hereby incorporated into and made a part of the ENGINEERING SERVICES AGREEMENT.

IN WITNESS WHEREOF, CLIENT and HAL have executed this TASK ORDER as of the date first above written.

CLIENT: MIDVALE CITY

HANSEN, ALLEN & LUCE, INC.

By: [Signature]

By: [Signature]

Its: Mayor

Its: Chief Operating Officer

Attest: [Signature]

Attest: [Signature]

Its: Deputy Recorder

Its: President



EXHIBIT T.O. 141.39.100-A

2022 PIPELINES REPLACEMENT BACKGROUND AND SCOPE OF WORK

BACKGROUND

Midvale City has proposed improvements to its existing public drinking water system. This project includes replacement of smaller than 8-inch diameter water lines within the City with new 8-inch diameter pipelines, or replacement of older pipelines which have experienced significant repairs in the past. These projects are part of the overall operation and maintenance plan for the City to replace older and/or undersized pipelines. The proposed improvements include:

1. An 8-inch diameter pipeline in Center Street from East of UTA TRAX property to a connection in State Street,
2. An 8-inch diameter pipeline in High Tech Drive from 7200 South to the northern boundary of Midvale City.

The City has requested that HAL assist the City in providing design services only at this time for the above referenced pipelines.

SCOPE OF WORK

The suggested scope of work for assisting the City in accomplishing this project is outlined by Task and Subtask below.

Task 100 DESIGN OF PIPELINE

- 101 Hold a project kickoff meeting with Midvale City.
- 102 Perform utility research and prepare base mapping.
- 103 Perform a field survey.
- 104 Prepare the design of the pipeline
- 105 Have design review meetings with the City at the 50%, and 90% level of design.
- 106 Prepare bidding documents & specifications and submit the documents and design drawings to the City for review and comment.
- 107 Perform a Plan-in-Hand Review of the design drawings.
- 108 Make final revisions and print documents.
- 109 Prepare a construction cost estimate.
- 110 Coordinate with UTA if required for connection in UTA right-of-ways.
- 111 Submit documents to Division of Drinking Water for review and comment (since this project is a pipeline replacement project, documents are not required to be submitted to the Division of Drinking Water).
- 112 Prepare the Storm Water Pollution Prevention Plan
- 113 Perform Quality Control / Quality Assurance (QA/QC)

Task 200 CONSTRUCTION MANAGEMENT, SERVICES DURING CONSTRUCTION

- 201 Solicit bids from pre-qualified contractors.
- 202 Distribute bidding documents to potential bidders.

- 203 Receive and respond to RFI's during bidding.
- 204 Attend/assist with pre-bid meeting and walkthrough.
- 205 Attend bid opening.
- 206 Review bids & prepare recommendation for award.
- 207 Conduct pre-construction meeting and prepare contract documents.
- 208 Provide on-site construction observation (full time).
- 209 Review shop drawings/submittals.
- 210 Conduct weekly construction progress meetings.
- 211 Review/respond to contractor RFI's during construction.
- 212 Review/process contractor change orders.
- 213 Review/process contractor pay requests.
- 214 Conduct final walk-through and prepare punch list.
- 215 Prepare record drawings based on information provided by Contractor.
- 216 Submit documents to Division of Drinking Water and apply for an operating permit (since this project is a pipeline replacement project, documents are not required to be submitted to the Division of Drinking Water).
- 299 Perform Quality Control / Quality Assurance (QA/QC) on documents.

ESTIMATED FEE

We propose a professional "not to exceed" engineering budget of \$140,280.00 to perform the services as outlined in this proposal. The following table summarizes the estimated engineering fee required to accomplish each task.

TASK	TASK DESCRIPTION	ENGINEERING FEE ESTIMATE
100	Design	\$55,870.00
200	SDC	\$84,410.00
	TOTAL ESTIMATED FEE	\$140,280.00

Attached is a detailed manpower and cost breakdown by task and subtask. Work will be billed in accordance with the attached fee schedule.

Assumptions included in our fee estimate are as follows:

1. Construction of this project will be in the year 2023.
2. No easements will be required.
3. No utilities will be required to be relocated for this project.
4. Construction time for this project is assumed at 11 weeks.
5. Construction observation is assumed at 8 hours per day for 11 weeks.
6. Number of construction meetings = 11.
7. Maximum number of Change Orders = 3.
8. We have assumed 4 construction applications for payment.
9. Construction quality control, materials testing, and construction survey staking will be by the contractor.

STANDARD FEE SCHEDULE 2022

PERSONNEL CHARGES

Client agrees to reimburse Hansen, Allen & Luce, Inc. (HAL), for personnel expenses directly related to the completion of the project, in accordance with the following:

Managing Professional III	\$209.32/hr
Managing Professional II	\$200.00/hr
Managing Professional I	\$189.50/hr
Senior Professional III	\$178.89/hr
Senior Professional II	\$170.48/hr
Senior Professional I	\$157.62/hr
Professional III	\$148.17/hr
Professional II	\$132.89/hr
Professional I	\$124.57/hr
Professional Intern	\$112.60/hr
Engineering Student Intern	\$62.00/hr
Water Resource Specialist	\$130.60/hr
Geologist	\$132.64/hr
Designer	\$121.35/hr
Senior Field Technician	\$119.29/hr
Field Technician	\$98.50/hr
CAD Operator	\$98.50/hr
Public Relations Specialist	\$143.85/hr
Administrative Assistant	\$69.05/hr
Professional Land Surveyor	\$133.00/hr
1 Man GPS Surveying Services – PLS	\$162.50/hr
Drone Pilot	\$192.00/hr
Expert Legal Services	\$320.00/hr

DIRECT CHARGES

Client also agrees to reimburse HAL for all other costs directly related to the completion of the project. Direct charges shall include, but not be limited to, the following:

Communication, Computer, Reproduction	\$6.00 per labor hour
Out-of-town per diem allowance (lodging not included)	\$64.00 per day
Vehicle	\$0.65 per mile
Outside consulting and services	Cost plus 10%
Other direct expenses incurred during the project	Cost plus 10%
Trimble GPS Unit	\$135.00 per day
Data Logger/Transducer	\$130.00 per week
INTEREST CHARGE AFTER 30 DAYS FROM INVOICE DATE	1.5% per month

Note: Annual adjustments to personnel and direct expense charges will occur in January of each year. Mileage rate changes are based on fuel prices.

**HANSEN
ALLEN
& LUCE INC.**
ENGINEERS

[illegible]

High Tech Drive Project Area



Center Street Project Area

