

Agenda Item No: CA-I

Meeting Date: April 10, 2023

Subject: Approval of Resolution 23-42, approving an Agreement with Lamp, Ryneerson, Inc., not to exceed \$92,000, to provide engineering design services for Forest Ave.

Background: Lamp, Ryneerson had previously worked on conceptual drawings for this improvement. The project was awarded CDOT grant funding in 2022. CDOT recently gave the City notice to proceed and direction for final design. The plans and specifications need to be completed to CDOT's specifications before the project can be bid for construction.

The City has successfully worked with Lamp, Ryneerson on similar projects and a Professional Services Agreement has already been executed. Due to the prior work completed & intimate knowledge of the project scope, sole sourcing this work to this consultant is the most efficient use of City funds.

Recommended Action: Staff is recommending approval of Resolution 23-42.

RESOLUTION NO. 23-42

**A RESOLUTION APPROVING A PROPOSAL FOR PROFESSIONAL
ENGINEERING WITH LAMP, RYNEARSON, INC,
FOR ENGINEERING DESIGN SERVICES**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DACONO,
COLORADO:**

Section 1. The Proposal for Professional Engineering by and between the City of Dacono and Lamp, Ryneerson, Inc. is hereby approved in essentially the same form as the copy of such Agreement accompanying this resolution.

Section 2. The Mayor is hereby authorized to execute the Agreement. The City Council further authorizes the Mayor to negotiate and approve on behalf of the City such revisions to the Agreement as the Mayor and City Attorney's Office determines are necessary or desirable for the protection of the City, so long as the essential terms and conditions of the Agreement are not altered.

INTRODUCED, READ, and ADOPTED this 10th day of April, 2023.

CITY OF DACONO, COLORADO

Adam Morehead, Mayor

ATTEST:

Valerie Taylor, City Clerk

Revised April 3rd, 2023

Bobby Redd, P.E.
City of Dacono
125 S. Forest Avenue
PO Box. 186
Dacono, CO 80514

4715 Innovation Dr., Ste. 100
Fort Collins, CO 80525
[P] 970.226.0342
[F] 970.226.0879
LampRynearson.com

Professional Engineering and Survey Services for Dacono Forest Avenue Street Reconstruction Project

Dear Mr. Redd:

Lamp Rynearson is excited to assist the City of Dacono with Survey and Civil Engineering services for the Forest Avenue improvements. This project has some history with Lamp Rynearson and the City. The project was originally proposed as a stand-alone street and parking lot project for the City. Lamp Rynearson designed the project as a City Project and completed the Construction documents in February of 2019. The plans were put on hold at that time and were awaiting City funding. Upon creation of the "Main Street" funding program in early 2021 the project was targeted as an excellent candidate for State Funding. Lamp Rynearson lead the City effort to submit for the state funding and was successful after two funding submittals in May of 2022. Colorado Department of Transportation (CDOT) granted \$800,000 and was targeted for Construction of roadway and site improvements.

In order to secure the grant, a number of changes were proposed from the original design. The street cross section was increased and two bike lanes were added, along with sidewalks on both sides of the roadway. In addition, a full stormwater collection system was added along with improvements to handicap and pedestrian access along with street crossings and additional access points. The scope changes, four year delay and restart, the addition of CDOT standards and the required support information have a significant impact on completing these plans for CDOT "Concurrence to Construct".

Attached is a detailed Scope of Services and cost breakdown for the engineering and survey services, as requested. Please review the enclosed scope and fees, and feel free to contact us with any questions or concerns. We have already started collection of survey data and preliminary Design efforts.

We appreciate the opportunity to present this fee estimate and look forward to assisting you in the successful completion of this project. We would be glad to discuss any questions you may have on our fee estimate. If this fee estimate is acceptable, we ask that you acknowledge by having Adam Morehead, Mayor sign below and return one signed copy to us.

Sincerely,
Lamp Rynearson, Inc.



Gary A Odehnal, PE
Senior Project Manager

Agreed & accepted by:
City of Dacono

Adam Morehead
Mayor

SCOPE OF SERVICES

1. Project Management

- Coordination with the City of Dacono and CDOT.
- Attend Scoping Review Meeting & Site Visit.
- Attend a combined FIR/FOR meeting with the City and CDOT.
- Develop a Project Schedule.
- Submit invoices.
- Prepare meeting minutes.
- Administer Project Meetings:
 - Kickoff Meeting
 - Progress Meetings
 - FIR/FOR Combined Meeting

Task 1: Project Management _____ \$13,500

2 Project Development

- **Survey**
 - Prepare a Right of Way Map and description of the proposed Forest Avenue Right of Way over five City of Dacono-owned parcels.
 - Prepare a Land Survey Plat showing the survey upon which the above right of way description is based. Said survey is to include the following information:
 - Legal description.
 - Monuments set and/or found.
 - Measured and recorded distances.
 - Encroachments.
 - Recorded or otherwise known easements and rights-of-way, as revealed by a CLIENT-provided title search or title commitment with supporting documentation.
 - Said survey will be deposited with the Weld County Clerk and Recorder.
 - Coordinate with a utility location service to locate utilities in the North-South portion of proposed Forest Avenue corridor from 2nd street through the elbow where the proposed alignment goes to the west.
 - Four potholes are included, 3 in dirt, and one in asphalt.
 - Utilities and potholes will be added to the existing topographic base map prepared for the City of Dacono in 2019 and provided to the project engineer in CAD format.

CDOT Requirements

- Prepare a CDOT control cover sheet.
- Produce a Land Survey plat and submit to Weld County for recording.
- Set monuments to define the perimeter of the Forest Avenue right of way within the project site.
- City to provide Geotechnical Report with pavement recommendations.

- Environmental
 - Evaluate, document and advise the City on the NEPA requirements for the Project. Covered in Site Visit with CDOT representative.
 - An Initial Site Assessment (ISA) will be performed to identify any potential Hazardous Waste concerns. ISA will include records review, site reconnaissance, findings, conclusions, recommendations, and appropriate documentation on CDOT 08881 form.
 - Complete a site reconnaissance for Migratory birds and nesting habitat to ascertain habitat types and human use areas within the project's footprint. Document surrounding habitats and identify potentially suitable habitats for protected wildlife or plants that may occur within 0.5 miles of the project area.
 - Complete field determination of the presence or absence of wetlands and their general areal extent. If any wetlands cannot be avoided and the project would result in disturbance to these wetlands, a formal delineation would be performed and the disturbance area will be evaluated.
 - Complete a noxious weed survey and convey findings in a survey report including recommendations for weed management.
 - Complete a determination as to whether a Section 404 permit will be required. Preparation of a 404 permit application is not included.
 - Conduct a 6(f) or Non-Historic 4(f) resources that will be impacted by the proposed project. We are assuming that No 6(f) resources will be impacted and that 4(f) impacts will be authorized under trails, Paths, Bikeways and Sidewalk exceptions or enhancement exceptions. We will provide the necessary documentation to CDOT for completion of the appropriate exemption checklist.
 - Document compliance with Section 106 of the National Historic Preservation Act.
 - Complete CatEx documentation in CDOT format.
- Public Involvement
 - Attend kickoff meeting.
 - Attend three meetings with City Council.
 - Presentation to the Council including support graphics.
 - Follow up meetings (1) with Council staff discussing progress of design and any questions/feedback.

Task 2: Project Development _____ \$24,700

3. Final Design & Construction Plans (Forest Ave and Parking Lot)

- Provide preliminary (30%) drawings and submit electronically to the City and CDOT.
- Prepare/ convert construction plans to CDOT format and submit to the Town and CDOT for a combined FIR/FOR review and distribution, included in the construction plans are the following items:
 - a. Title Sheet
 - b. CDOT Standard Plans List
 - c. General Notes
 - d. Summary of Approximate Quantities
 - e. Project Tabulations
 - f. Survey Control Diagram

- g. Storm Water Management Plan & Notes
 - h. Typical Sections
 - i. Grading, Drainage and Erosion Control Plan
 - j. Street Plan and Profiles (w/ Horizontal. Control)
 - k. Intersection Details
 - l. Traffic Signage Plan
- Evaluate drainage runoff and provide drainage memo. Provide drainage calculations and summary
 - Revise plans based on comments received during FIR/FOR meeting.
 - Provide the City and CDOT with electronic (PDF) plans, technical specifications, and an Engineer's estimate with Final Plan Review comments incorporated.

Task 3: Final Design & Construction Plans _____ \$40,000

4. Contract Documents & Bidding Services

- Prepare front end documents based on Cities standard boiler plate template.
- CDOT Specifications / Project Special Conditions
- Cost Estimate & Project Bid tabulation
- Compile Bid Package for City to bid project, including Construction Plans, Contract Documents and Engineer's Opinion of Cost.
- Attend Pre-Bid Meeting and Bid Opening.
- Assist City during bidding process and provide information for addendums that will be prepared by the City.
- Assist City with the selection of the contractor and award of the contract.

Task 4: Contract Documents & Bidding Services _____ \$13,500

COST SUMMARY

Task 1: Project Management _____ \$13,500

Task 2: Project Development _____ \$24,700

Task 3: Final Design & Construction Plans _____ \$40,000

Task 4: Bidding Services _____ \$13,500

Total Cost: \$ 91,700

CONDITIONS, ASSUMPTIONS, AND EXCLUSIONS

The following conditions, assumptions, and exclusions are an integral part of this proposal:

- 1) This proposal is subject to all the provisions and agreements as detailed in the Engineering Service Agreement dated 1/8/2018.
- 2) The release or creation of new/proposed easements is not included in the scope of services.
- 3) The production of an ALTA survey is not included in the scope of services.
- 4) Winter conditions may limit our ability to identify all existing utility lines. We will coordinate with the CLIENT to evaluate current conditions prior to conducting the survey. If the CLIENT's schedule necessitates the survey be conducted in a heavy snow condition, then additional trips and associated additional fees may be required.
- 5) No traffic impact analysis, geotechnical services or pavement design analysis have been included in our fees.
- 6) We are notified that the City will coordinate and provide utility marking for the corridor. Lamp has provided an allowance of 4 potholes for the design, we will inform City of Dacono personnel and evaluate this item on an as-needed basis.
- 7) The consultant will be utilizing all available City and County information available for this project. We assume that the City will support the consultant for any data required, either in the form of archived reports or studies or request for information from Weld County, as required.
- 8) If conditions materially change during the course of this project, we reserve the right to re-negotiate this contract to reflect the changed conditions.
- 9) Lamp Rynearson will have full access to the property to conduct the survey.