

PROFESSIONAL SERVICES TASK ORDER

Task Order Number: 005A
Task Order Date: July 14, 2022

Subject to the Master Services Agreement between *the City of Dalton, Georgia* [Client] and *Arcadis U.S., Inc.* [Arcadis], dated March 1, 2020, Client hereby authorizes Arcadis to perform services as specified in this Task Order and in accordance with the above mentioned Agreement.

1. Project Description: A description of Client's Project for which work is requested is provided in Attachment 1, incorporated into this Task Order.

Client's Project Number: _____

Project Name: 631 N. Glenwood Avenue – Design Services

Client's Representative: Jackson Sheppard

2. Scope of Work: Arcadis shall perform its services as described in Attachment 1, incorporated into this Task Order.

Arcadis's Job Number: _____

Arcadis's Representative: Richard Greuel, P.E.

3. Time Schedule: Arcadis shall use reasonable efforts to complete its work by: 180 days of Notice to Proceed

4. Compensation: Arcadis's Compensation authorized under this Task Order, which shall not be exceeded without prior written authorization of Client, is:

\$ 59,835 [] This Task Order's Method of Payment is incorporated and attached as Attachment 2.

5. Special Conditions: This Task Order is subject to the special provisions as described in Attachment 3, attached and incorporated into this Task Order:

6. Amendment: [1] This Task Order amends a previously executed Task Order: Ridge Street Drainage Study

Previous Task Order Number: 005 Previous Task Order Date: February 10, 2021

ISSUED AND AUTHORIZED BY:
Client

ACCEPTED AND AGREED TO BY:
Arcadis, INC.

By: _____

By: _____

Title: _____

Title: _____

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Attachment 1

Description of Project & Scope of Work

Introduction

The City of Dalton Public Works Department has requested that Arcadis prepare this proposal to provide engineering support to develop infrastructure improvements related to known flooding issues along North Glenwood Avenue. Previously, Arcadis conducted a drainage study of the area and identified various improvements which could be implemented to reduce flooding within the basin. The findings were published in a technical memorandum (North Glenwood Avenue Drainage Study – Improvement Scenarios) was dated August 18, 2021. This scope of work is designed to assist the City with development of construction plans for a new drainage system from 631 N Glenwood Avenue and terminating immediately downstream of North Elm Street and referred to as Scenario D in the findings.

Task 1 – Construction Plans

30% Plans

Arcadis will prepare a design submittal at the 30-percent design stage and submit to the City of Dalton Public Works Department for review. The 30-percent design drawings and deliverables will include:

- 30% Submittal Construction Plan Sheets
 - Title Sheet
 - Existing Conditions Plan
 - Demolition Plan
 - Site, Grading and Drainage Plan
 - Limited Construction Details

Additionally, Arcadis will provide a brief stormwater management memo outlining the hydrologic / hydraulic performance of the proposed improvements. Please note that Arcadis will utilize the same model developed previously for the Glenwood Ave Drainage Study. As such, this memo will focus on illustrating the differences between the existing and proposed conditions of the design / plan.

Deliverables:

- 30% Construction Plans (PDF Format)
- Stormwater Management Analysis memo (PDF Format)

Assumptions:

- No significant changes to the configuration of the conceptual design improvements outlined in the original report in the previous effort.
- ARCADIS will address one round of review comments for the 30-percent design.
- The City will provide one set of consolidated review comments for the 30% Design Plan submittal.
- The scale of plan drawings will be 1-inch equals 20-feet.
- This project will be exempt from water quality, channel protection, and detention requirements of the City's Land Development Ordinance.
- It is anticipated that the disturbed area of the project will be greater than 1 acre, as such, a NPDES Construction permit will be required for this project. Additionally, the City will need to issue a Land Disturbance Permit for the project under the Georgia Erosion & Sedimentation Act.
- Any additional surveying required for the project will be secured separately by the City.
- No geotechnical or environmental design services will be required for this project. The geotechnical investigation previously secured by the City will be sufficient for design.

- GDOT standard details and specifications will be sufficient for the project for drainage elements.
- No structural design services will be required for the project.

60% Plans

Arcadis will prepare a design submittal at the 60-percent design stage and submit to the city for review. The 60-percent design drawings and deliverables will include:

- 60% Submittal Construction Plan Sheets
 - Title Sheet
 - General Notes
 - Existing Conditions Plan
 - Demolition Plan
 - Tree Protection Plan (if required)
 - Site, Grading and Drainage Plan
 - Pipe Profiles
 - Traffic Control Plan (if required)
 - Erosion & Sedimentation Plans
 - Erosion & Sedimentation Details
 - Standard Details

Deliverables:

- 60% Construction Plans (PDF Format and 1 hardcopy)
- Stormwater Management Analysis memo (PDF Format) – If changed from the previous submittal.

Assumptions:

- ARCADIS will address one round of review comments for the 60-percent design.
- The City will provide one set of consolidated review comments for the 60% Design Plan submittal prior to the plan review meeting.
- The scale of plan drawings will be 1-inch equals 20-feet

90% Plans

Arcadis will prepare a design submittal at the 90-percent design stage and submit to the City for review. The 90-percent design drawings and deliverables will include:

- 90% Submittal Construction Plan Sheets
 - Title Sheet
 - General Notes
 - Existing Conditions Plan
 - Demolition Plan
 - Tree Protection Plan (if required)
 - Site, Grading and Drainage Plan
 - Pipe Profiles
 - Traffic Control Plan (if required)
 - Erosion & Sedimentation Plans
 - Erosion & Sedimentation Details
 - Standard Details

It is the intent of the 90% drawings to be sufficient for permitting. Following completion of the effort, Arcadis will provide a 90% set of construction plans marked "For Permitting" signed and sealed by a Georgia Registered Engineer with a Level II Design certification by the Georgia Soil and Water Conservation Commission.

Deliverables:

- 90% Construction Plans (PDF Format and 1 hardcopy)
- Stormwater Management Analysis memo (PDF Format) – If changed from the previous submittal.
- Quantity Takeoff of sufficient detail to use on a bid form for contractors.

Assumptions:

- ARCADIS will address one round of review comments for the 90-percent design.
- The County will provide one set of consolidated review comments for the 90% Design Plan submittal prior to the plan review meeting.
- Following completion of this task, the plans will be considered final and sealed / signed drawings will be provided.

Task 2 – Permitting Support

Following completion of the plans, it is assumed that the City Public Works staff will submit the plans to the appropriate agency for issuance of a Land Disturbance permit. Arcadis will provide support for the permitting effort. This will include plan revisions and answers to questions submitted by the plan reviewers. Following completion of the effort, Arcadis will provide a 100% set of construction plans marked "For Construction" signed and sealed by a Georgia Registered Engineer with a Level II Design certification by the Georgia Soil and Water Conservation Commission.

Assumptions:

- No permitting with the US Army Corps of Engineers or Railroad will be required for this project.

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Attachment 2

Task Order Payment Terms

All work will be completed on a time and materials basis for a fee not to exceed the amount listed in this Task Order based on the 2022 rate table below.

2022 Rate Schedule

Title	Rate \$/hr
Project Administrative Assistant	\$70
Project Assistant	\$90
Sr Project Assistant	\$120
Engineering Technician I	\$90
Engineering Technician II	\$110
Staff Engineer/Scientist/Architect I	\$90
Staff Engineer/Scientist/Architect II	\$100
Staff Engineer/Scientist/Architect III	\$110
Project Engineer/Scientist/Architect I	\$120
Project Engineer/Scientist/Architect II	\$135
Project Engineer/Scientist/Architect III	\$150
Senior Engineer/Scientist/Architect I	\$165
Senior Engineer/Scientist/Architect II	\$180
Senior Engineer/Scientist/Architect III	\$195
Principal Engineer/Scientist/Architect I	\$215
Principal Engineer/Scientist/Architect II	\$230
Principal Engineer/Scientist/Architect III	\$245
Principal Engineer/Scientist/Architect IV	\$270
Registered Land Surveyor	\$150
2-man Survey Crew	\$150
3-man Survey Crew	\$225

* A rate schedule will be provided with each Task Order proposal based on the specific services that will be provided and the rates effective at that time.

*All direct expenses will be billed at cost plus 10%

*Mileage will be billed at the current federal mileage rate

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Attachment 3
Special Conditions

None.