

TASK ORDER NUMBER TEN

This Task Order is made as of this ____ day of _____, 2023, under the terms and conditions established in the MASTER AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES (the Agreement), between CITY OF DALTON (OWNER) and CROY ENGINEERING, LLC (ENGINEER). This Task Order is made for the following purpose, consistent with the Project defined in the Agreement:

*Design for Obstruction Removal
RPZ Approach Runway 14/32*

Section A - Scope of Services

Croy Engineering will provide professional services for design and construction of the following project at the Dalton Municipal Airport:

1. Obstruction Removal for Runway 14/32 - Approach

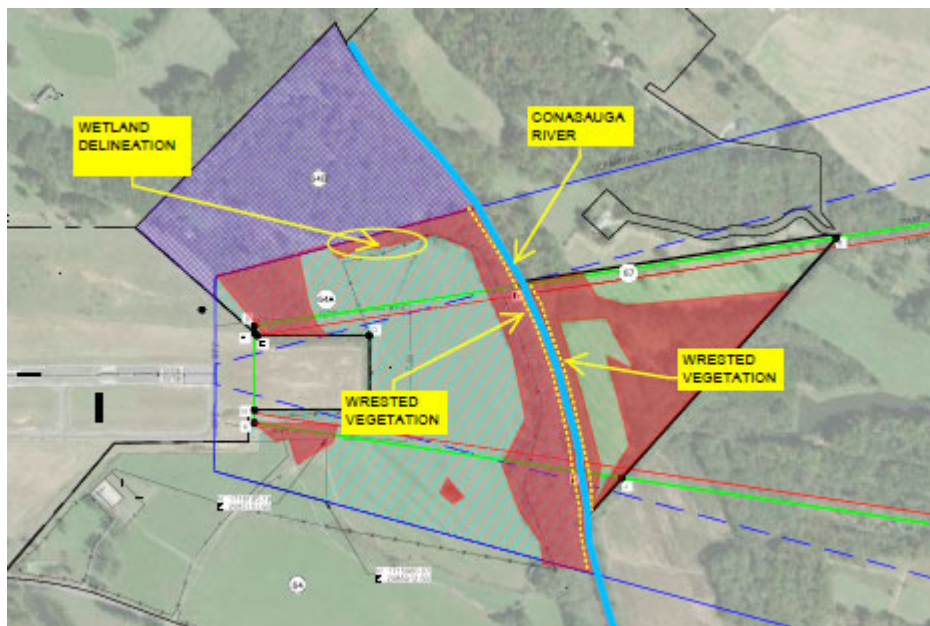
Element 1 – Project Formulation and Coordination shall include the preparation of work scope, fees, pre-design/scoping meeting with GDOT, client meeting, application for funding assistance, preparation of a Construction Safety Phasing Plan (CSPP), submittal of Form 7460 to FAA, and coordination with regulatory agencies, as well as one (1) site visit to observe existing site conditions.

Element 1 shall include environmental services, including all necessary background research and ecological surveys of the project area to identify U.S. Army Corps of Engineers (USACE) jurisdictional waters and/or Waters of the State and to identify the potential presence of protected terrestrial species and/or potential habitat for protected terrestrial species. Environmental surveys shall be conducted by a qualified environmental professional. Wetlands shall be delineated using the three-parameter approach (hydrophytic vegetation, hydric soils, and hydrology) as described in the 1987 USACE *Wetland Delineation Manual* and utilizing the 2012 *Eastern Mountains and Piedmont Regional Supplement* (Version 2.0). Stream classifications shall be performed using the North Carolina Division of Water Quality (NC DWQ) *Methodology for Identification of Intermittent and Perennial Streams and Their Origins*, Version 4.11. State waters shall be delineated using the Georgia Environmental Protection Division (EPD) *2006 Field Guide for Determining the Presence of State Waters that Require a Buffer*. Surveys for protected species or their habitats shall be conducted using approved survey methodologies and/or appropriate resource agency recommendations to assess habitat suitability and species presence as appropriate. Any resources identified during environmental surveys shall be delineated and flagged for the land surveyors so that the delineations can be included in the design plans. Element 1 shall also include coordination of the proposed action with the Local Issuing Authority (LIA) to determine the need for a Stream Buffer Variance and the preparation of a modified

Categorical Exclusion for GDOT review and approval. A separate scope and fee will be prepared if it is determined later in project development that the proposed action would require a Cultural Resources Survey (architectural or archaeological), Aquatic Species Survey, Bat Survey, USACE Jurisdictional Determination, USACE Section 404 permit, GEPA Stream Buffer Variance, or Environmental Assessment/Finding of No Significant Impact (EA/FONSI).

Element 2 – Survey will consist of the field time for a survey crew to locate and conduct a field run topographic survey of to establish the limits of any wetlands and/or buffer areas along the Conasauga River within the areas of where trees are to be cut and the time associated with creating a drawing file for plan preparation purposes. The scope of work shall include the following:

- Begin site reconnaissance to determine survey limits and identify features to be located and take photos of the areas as needed.
- Establish survey control.
- Locate (shoot) flagging placed as markers to identify the edge of wetlands and/or wretched vegetation along the riverbank.
- Upon completion of field work analyze field survey data and notes.
- Draft and prepare final survey drawing for inclusion into a base file for plan preparation purposes.



Element 3 – Construction Plans will consist of:

- Cover Sheet listing the name of the airport, description of the project, vicinity and location maps, project number, index of drawings, summary of quantities, specification numbers, description of the item, unit of measure and estimated quantities.
- Project Layout and Construction Safety Plan
- Existing Conditions and Obstruction Removal Plan(s)
- Erosion Control Plans and Details
- Permitting plans through GA EPD and/or GSWCC
- General Notes

Element 4 – Contract Documents (booklet) including the advertisement for bids (specific dates and times will be “TBD” until further notice), instructions to bidders, bid documents, contract documents, bid bond, performance bond, payment bond, and Federal Aviation Administration (FAA) and/or Georgia Department of Transportation (GDOT) specifications to include Special Provisions to published specifications. This element shall include preparation of an engineering cost estimate for the two separate projects.

Element 5 – Coordination, Review and Comments will be addressed after the 90 percent submittals to GDOT.

Element 6 – Bid Services shall include preparation of advertisement for bids, response to contractor question during the bidding process, receipt of bids at a scheduled bid opening, preparation of the bid tabulation, and recommendation of award to the lowest responsive bidder. Services also includes processing of contract documents.

Plans and specifications shall be in compliance with FAA AC 150/5300-13B, AC 150/5370-10, and other FAA AC's as applicable, and/or the GDOT Standard Specifications Construction of Transportation Systems, 2021 Edition, unless modified by Special Provision. Special Provisions shall be approved by the Department.

Deliverables for each project will consist of one (1) set of electronic Plans and Specifications to GDOT for review and comment prior to the bidding phase. Four (4) sets of the final plans and specifications; and one (1) electronic copy of the final plan set in pdf format and one (1) electronic copy of the plan set in MicroStation or AutoCAD format will be provided to GDOT for each project. Construction contract from GDOT will not be initiated until receipt of all deliverables.

Section B - Schedule

ENGINEER shall perform the Services and deliver the related Documents (if any)

according to the following schedule: Work shall begin within ten (10) days of the notice to proceed. A signed copy of this Task Order will serve as ENGINEER's notice to proceed.

Section C - Compensation

1. In return for the performance of the foregoing obligations, OWNER shall pay to ENGINEER the amount of \$63,633.43, payable according to the following terms:

- a. Invoicing will be submitted monthly for work completed to-date.
- b. A lump sum fee applies for each task as follows and shall be billed based upon percentage of work completed to-date. Expenses for services such as mileage, document reproduction, permit application fees, shipping costs, etc. are not included in the lump sum fee, and shall be billed separately as a reimbursable expense. The lump sum fee and estimated budgets for expenses are as follows:

Element 1 – Project Formulation **\$13,082.28**

Lump Sum Fee: \$12,897.36
Estimated Expenses: \$ 184.92

Element 2 – Survey **\$ 6,562.04**

Lump Sum Fee: \$ 6,320.54
Estimated Expenses: \$ 241.50

Element 3 – Construction Plans **\$28,130.41**

Lump Sum Fee: \$27,980.41
Estimated Expenses: \$ 150.00

Element 4 – Construction Documents **\$ 5,754.32**

Lump Sum Fee: \$ 5,654.32
Estimated Expenses: \$ 100.00

Element 5 – Coordination, Review and Comments **\$ 4,730.63**

Lump Sum Fee: \$ 4,655.63
Estimated Expenses: \$ 75.00

Element 6 – Bid Services **\$ 5,373.76**

Lump Sum Fee: \$ 5,229.92
Estimated Expenses: \$ 143.84

ENGINEERING DESIGN FEE \$63,633.43

2. Compensation for Additional Services (if any) shall be paid by OWNER to ENGINEER according to the following terms: Compensation for additional services shall be paid by the OWNER to the ENGINEER per the Croy Engineering GDOT

Hourly Rate Schedule attached to this Proposal.

Section D - Owner's Responsibilities

OWNER shall perform and/or provide the following in a timely manner so as not to delay the Services of ENGINEER. Unless otherwise provided in this Task Order, OWNER shall bear all costs incident to compliance with the following:

N/A

Section E - Other Provisions

The parties agree to the following provisions with respect to this specific Task Order:

N/A

IN WITNESS WHEREOF the parties hereto have made and executed this Task Order.

OWNER:

CITY OF DALTON

ENGINEER:

CROY ENGINEERING, LLC

DAVID PENNINGTON
Mayor

GREGORY D. TEAGUE, P.E.
CEO

ATTEST:

ATTEST:

PATRICK T. LENTON, P.E.
Aviation Division Manager

Exhibit "B" Hourly Rate Schedule**Croy Engineering, LLC
GDOT HOURLY RATES**

Updated: July 1, 2022			216.47%		10.00%		0.40%
Principal	\$246.61	\$70.76	\$153.17	\$223.93	\$22.39	\$246.33	\$0.28
Project Manager	\$209.46	\$60.10	\$130.10	\$190.20	\$19.02	\$209.22	\$0.24
Engineer 3	\$198.13	\$56.85	\$123.06	\$179.91	\$17.99	\$197.90	\$0.23
Engineer 2	\$174.26	\$50.00	\$108.24	\$158.24	\$15.82	\$174.06	\$0.20
Engineer 1	\$154.22	\$44.25	\$95.79	\$140.04	\$14.00	\$154.04	\$0.18
Designer 2	\$134.04	\$38.46	\$83.25	\$121.71	\$12.17	\$133.89	\$0.15
Designer 1	\$124.32	\$35.67	\$77.21	\$112.88	\$11.29	\$124.17	\$0.14
Tech 2	\$113.93	\$32.69	\$70.76	\$103.45	\$10.35	\$113.80	\$0.13
Tech 1	\$108.60	\$31.16	\$67.45	\$98.61	\$9.86	\$108.47	\$0.12
CADD Operator	\$100.55	\$28.85	\$62.45	\$91.30	\$9.13	\$100.43	\$0.12
Admin	\$93.37	\$26.79	\$57.99	\$84.78	\$8.48	\$93.26	\$0.11
RLS/Survey Manager	\$201.06	\$57.69	\$124.88	\$182.57	\$18.26	\$200.83	\$0.23
Crew (2-Person)	\$186.81	\$53.60	\$116.03	\$169.63	\$16.96	\$186.59	\$0.21
Crew (3-Person)	\$251.63	\$72.20	\$156.29	\$228.49	\$22.85	\$251.34	\$0.29
Field Rep 3 (Regular Time)	\$126.86	\$36.40	\$78.80	\$115.20	\$11.52	\$126.71	\$0.15
Field Rep 3 (Overtime)	\$182.83	\$52.46	\$113.56	\$166.02	\$16.60	\$182.62	\$0.21
Field Rep 2 (Regular Time)	\$108.14	\$31.03	\$67.17	\$98.20	\$9.82	\$108.02	\$0.12
Field Rep 2 (Overtime)	\$155.33	\$44.57	\$96.48	\$141.05	\$14.11	\$155.16	\$0.18
Field Rep 1 (Regular Time)	\$103.54	\$29.71	\$64.31	\$94.02	\$9.40	\$103.43	\$0.12
Field Rep 1 (Overtime)	\$118.46	\$33.99	\$73.58	\$107.57	\$10.76	\$118.32	\$0.14
Land Acq Admin	\$93.37	\$26.79	\$57.99	\$84.78	\$8.48	\$93.26	\$0.11
Land Acq Negot Agent							
Trainee	\$86.78	\$24.90	\$53.90	\$78.80	\$7.88	\$86.68	\$0.10
Land Acq Negot Agent 1	\$89.22	\$25.60	\$55.42	\$81.02	\$8.10	\$89.12	\$0.10
Land Acq Negot Agent 2	\$110.13	\$31.60	\$68.40	\$100.00	\$10.00	\$110.00	\$0.13
Land Acq Negot Agent 3	\$132.40	\$37.99	\$82.24	\$120.23	\$12.02	\$132.25	\$0.15
Land Acq Reloc Agent	\$127.56	\$36.60	\$79.23	\$115.83	\$11.58	\$127.41	\$0.15
Land Acq Relo Benefits Pkg	\$127.56	\$36.60	\$79.23	\$115.83	\$11.58	\$127.41	\$0.15
Land Acq ROW Mngr	\$142.51	\$40.89	\$88.51	\$129.40	\$12.94	\$142.35	\$0.16

Please note that expenses such as mileage, document reproduction, permit application fees, shipping costs, etc. are not included in the fees above, and shall be billed separately as a reimbursable expense.