

Agenda Item: General Business - A.
Meeting Date: July 11, 2022

Subject: Consideration of Resolution 22-52, approving a professional services agreement with Plummer for Phase III Water Master Planning: Water Distribution Data Collection.

Presenter: A.J. Euckert, City Manager

Background: As staff continues to work on water supply diversification, we need to utilize technical consultants for water master planning. Plummer is the same firm performing the Phase 1 & 2 work, previously approved by Council, and are best suited to continue this project.

Our Public Works Department has collected some GIS data, but we need more detailed information for our entire distribution system.

Recommended Action: Consideration and approval of Resolution 22-52, approving a professional services agreement with Plummer for Phase III Water Master Planning: Water Distribution Data Collection.

**AN AGREEMENT BY AND BETWEEN THE CITY OF DACONO, AND PLUMMER,
FOR PHASE 3 WATER MASTER PLANNING: WATER DISTRIBUTION GIS DATA
COLLECTION**

1.0 PARTIES

The parties to this Agreement are the City of Dacono, a Colorado home rule municipal corporation, hereinafter referred to as the “City,” and Plummer, hereinafter referred to as the “Consultant.”

2.0 RECITALS AND PURPOSE

- 2.1 The City desires to engage the Consultant for the purpose of providing engineering services related to water master planning.
- 2.2 The Consultant acknowledges that it has the background, experience, equipment and facilities necessary to provide the City with the services.

3.0 SCOPE OF SERVICES

The Consultant agrees to provide the City with the specific professional services as set forth in Exhibit “A” attached hereto and incorporated herein by reference.

4.0 COMPENSATION

- 4.1 The City shall pay the Consultant for services under this agreement the amounts set forth in Exhibit “B” attached hereto and incorporated herein by this reference. Such amounts shall be inclusive of all costs of whatsoever nature associated with the Consultant’s efforts, including but not limited to salaries, benefits, expenses, overhead, administration, profits, and outside consultant fees. No hourly rates or other charges shall exceed those identified in Exhibit “B,” except as may be authorized by the City in advance. The scope of services and payment therefor shall only be changed by a properly authorized amendment to this Agreement. No City employee has the authority to bind the City with regard to any payment for any services which exceeds the amount payable under the terms of this Agreement.

4.2 The Consultant shall submit monthly a detailed invoice to the City describing the professional services rendered. The invoice shall document the hours spent on the project identifying by work category and subcategory the work performed for the month, the hours worked by employee, and the hourly rate charged for that work. The City shall have access to backup payroll documentation identifying individual employee, date, and hours worked. The City shall pay the invoice within thirty (30) days of receipt unless the work or the documentation therefor are unsatisfactory. Payments made after thirty (30) days may be assessed an interest charge of one percent (1%) per month unless the delay in payment resulted from unsatisfactory work or documentation therefor.

5.0 PROJECT REPRESENTATION

5.1 The City designates A.J. Euckert, as the responsible City staff member to provide direction to the Consultant during the conduct of the project. The Consultant shall comply with the directions given by the designated staff members.

5.2 The Consultant designates _____ as its project manager. The City may rely upon the guidance, opinions, and recommendations provided by the Consultant and its representatives. Should any of the representatives be replaced, particularly _____, and such replacement require the City or the Consultant to undertake additional reevaluations, coordination, orientations, etc., the Consultant shall be fully responsible for all such additional costs and services.

6.0 TERM

The Consultant's services under this Agreement shall commence on June 28, 2022.

7.0 INSURANCE

7.1 The Consultant agrees to procure and maintain, at its own cost, the following policy or policies of insurance. The Consultant shall not be relieved of any liability, claims, demands, or other obligations assumed pursuant to the Contract Documents by reason of its failure to procure or maintain insurance, or by reason of its failure to procure or maintain insurance in sufficient amounts, durations, or types.

7.1.1 Consultant shall procure and maintain, and shall cause each Subcontractor of the Consultant to procure and maintain or insure the activity of Consultant's Subcontractors in Consultant's own policy, the minimum insurance coverages listed below. Such coverages shall be procured and maintained with forms and insurers acceptable to the City. All coverages shall be continuously maintained from the date of commencement of services hereunder. In the case of any claims-made policy, the necessary retroactive dates and extended reporting periods shall be procured to maintain such continuous coverage.

- 7.1.1.1 Workers' Compensation insurance to cover obligations imposed by the Workers' Compensation Act of Colorado and any other applicable laws for any employee engaged in the performance of Work under this contract, and Employers' Liability insurance with minimum limits of FIVE HUNDRED THOUSAND DOLLARS (\$500,000) each accident, FIVE HUNDRED THOUSAND DOLLARS (\$500,000) disease - policy limit, and FIVE HUNDRED THOUSAND DOLLARS (\$500,000) disease - each employee.
- 7.1.1.2 Comprehensive General Liability insurance with minimum combined single limits of ONE MILLION DOLLARS (\$1,000,000) each occurrence and ONE MILLION DOLLARS (\$1,000,000) aggregate. The policy shall be applicable to all premises and operations. The policy shall include coverage for bodily injury, broad form property damage (including completed operations), personal injury (including coverage for contractual and employee acts), blanket contractual, independent contractors, products, and completed operations. The policy shall contain a severability of interests provision.
- 7.1.1.3 Comprehensive Automobile Liability insurance with minimum combined single limits for bodily injury and property damage of not less than ONE MILLION DOLLARS (\$1,000,000) each occurrence and ONE MILLION DOLLARS (\$1,000,000) aggregate with respect to each of Consultant's owned, hired and/or non-owned vehicles assigned to or used in performance of the services. The policy shall contain a severability of interests provision.
- 7.1.1.4 Professional Liability insurance with minimum limits of ONE MILLION DOLLARS (\$1,000,000) each occurrence and ONE MILLION DOLLARS (\$1,000,000)
- 7.1.2 The policies required above, except for the Workers' Compensation insurance, Employers' Liability insurance, and Professional Liability insurance, shall be endorsed to include the City, and its officers and employees, as additional insureds. Every policy required above shall be primary insurance, and any insurance carried by the City, its officers, or its employees, shall be excess and not contributory insurance to that provided by Consultant. The additional insured endorsement for the Comprehensive General Liability insurance required above shall not contain any exclusion for bodily injury or property damage arising from completed operations. The Consultant shall be solely responsible for any deductible losses under each of the policies required above.
- 7.1.3 Certificates of insurance shall be completed by the Consultant's insurance agent as evidence that policies providing the required coverages, conditions, and minimum limits are in full force and effect, and shall be subject to review and approval by the

City. Each certificate shall identify the Project and shall provide that the coverages afforded under the policies shall not be cancelled, terminated until at least 30 days prior written notice has been given to the City. If the words “endeavor to” appear in the portion of the certificate addressing cancellation, those words shall be stricken from the certificate by the agent(s) completing the certificate. The City reserves the right to request and receive a certified copy of any policy and any endorsement thereto.

- 7.1.4 Failure on the part of the Consultant to procure or maintain policies providing the required coverages, conditions, and minimum limits shall constitute a material breach of contract upon which the City may immediately terminate the contract, or at its discretion may procure or renew any such policy or any extended reporting period thereto and may pay any and all premiums in connection therewith, and all monies so paid by the City shall be repaid by Consultant to the City upon demand, or the City may offset the cost of the premiums against any monies due to Consultant from the Owner.
- 7.1.5 The parties hereto understand and agree that the City is relying on, and does not waive or intend to waive by any provision of this contract, the monetary limitations (presently \$350,000 per person and \$990,000 per occurrence) or any other rights, immunities, and protections provided by the Colorado Governmental Immunity Act, ' 24-10-101 et seq., 10 C.R.S., as from time to time amended, or otherwise available to the City, its officers, or its employees.

8.0 INDEMNIFICATION

To the fullest extent permitted by law, the Consultant agrees to indemnify and hold harmless the City, and its officers and its employees, from and against damages and expense, which arise out of the services hereunder, if such injury, loss, or damage, or any portion thereof, is caused by, or claimed to be caused by, the negligent act, omission, or other fault of the Consultant or any subcontractor of the Consultant, or any officer, employee, or agent of the Consultant or any subcontractor, or any other person for whom Consultant is responsible. The Consultant shall, at its sole expense, timely investigate and respond to the City regarding any such liability, claims and demands. To the extent and for an amount represented by the degree or percentage of negligence or fault attributable to the Consultant or the Consultant’s agents, representatives, subcontractors, or suppliers, Consultant shall be solely responsible to bear all costs and expenses, including court costs and attorney fees, for any such injury, loss, or damage, or portion thereof, caused by or claimed to be caused by Consultant’s negligent acts, errors, or omissions relating to the professional work or services in the performance of this Agreement. The Consultant's indemnification and defense obligations shall not be construed to extend to any injury, loss, or damage which is caused by the act, omission, or other fault of the City or any other party that is not a subcontractor or other person for whom Consultant is responsible. The extent of the Consultant’s obligation to defend, indemnify, or hold harmless the City shall be determined only after the Consultant’s liability or fault has been determined by adjudication, alternative dispute resolution, or otherwise resolved by mutual agreement between the City and the Consultant; however, the Consultant’s duty to investigate and

respond to the City regarding any claims or demands shall immediately arise upon the receipt by the City or Consultant of any claims or demands.

9.0 QUALITY OF SERVICES

Consultant's professional services shall be in accordance with the prevailing standard of practice normally exercised in the performance of professional services of a similar nature in the Denver metropolitan area.

10.0 INDEPENDENT CONTRACTOR

Consultant and any persons employed by Consultant for the performance of work hereunder shall be independent contractors and not agents of the City. Any provisions in this Agreement that may appear to give the City the right to direct Consultant as to details of doing work or to exercise a measure of control over the work mean that Consultant shall follow the direction of the City as to end results of the work only. **As an independent contractor, Consultant is not entitled to workers' compensation benefits except as may be provided by the independent contractor nor to unemployment insurance benefits unless unemployment compensation coverage is provided by the independent contractor or some other entity. The Consultant is obligated to pay all federal and state income tax on any moneys earned or paid pursuant to this contract.**

11.0 ASSIGNMENT

Consultant shall not assign or delegate this Agreement or any portion thereof, or any monies due to or become due hereunder without the City's prior written consent.

12.0 DEFAULT

Each and every term and condition hereof shall be deemed to be a material element of this Agreement. In the event either party should fail or refuse to perform according to the terms of this Agreement, such party may be declared in default.

13.0 TERMINATION

13.1 This Agreement may be terminated by either party for material breach or default of this Agreement by the other party not caused by any action or omission of the other party by giving the other party written notice at least thirty (30) days in advance of the termination date. Termination pursuant to this subsection shall not prevent either party from exercising any other legal remedies which may be available to it.

13.2 In addition to the foregoing, this Agreement may be terminated by the City for its convenience and without cause of any nature by giving written notice at least seven (7) days in advance of the termination date. In the event of such termination, the Consultant will be paid for the reasonable value of the services rendered to the date of termination, not to exceed the total amount set forth in Exhibit B, and upon such payment, all obligations of the City to the Consultant under this Agreement will cease. Termination pursuant to this Subsection shall not prevent either party from exercising any other legal remedies which may be available to it.

14.0 INSPECTION

The City and its duly authorized representatives shall have access to any books, documents, papers, and records of the Consultant that are related to this Agreement for the purpose of making audits, examinations, excerpts, and transcriptions.

15.0 ENFORCEMENT

15.1 In the event that suit is brought upon this Agreement to enforce its terms, the prevailing party shall be entitled to its reasonable attorneys' fees and related court costs.

15.2 Colorado law shall apply to the construction and enforcement of this Agreement. The parties agree to the jurisdiction and venue of the courts of Weld County in connection with any dispute arising out of or in any matter connected with this Agreement.

16.0 COMPLIANCE WITH LAWS

Consultant shall be solely responsible for compliance with all applicable federal, state, and local laws, including the ordinances, resolutions, rules, and regulations of the City; for payment of all applicable taxes; and obtaining and keeping in force all applicable permits and approvals.

17.0 INTEGRATION AND AMENDMENT

This Agreement represents the entire Agreement between the parties and there are no oral or collateral agreements or understandings. This Agreement may be amended only by an instrument in writing signed by the parties.

18.0 EQUAL OPPORTUNITY EMPLOYER

18.1 Consultant will not discriminate against any employee or applicant for employment because of race, color, religion, age, sex, disability or national origin. Consultant will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, age, sex, disability, or national origin. Such action shall include but not be limited to the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training,

including apprenticeship. Consultant agrees to post in conspicuous places, available to employees and applicants for employment, notice to be provided by an agency of the federal government, setting forth the provisions of the Equal Opportunity Laws.

- 18.2 Consultant shall be in compliance with the applicable provisions of the American with Disabilities Act of 1990 as enacted and from time to time amended and any other applicable federal, state, or local laws and regulations. A signed, written certificate stating compliance with the Americans with Disabilities Act may be requested at any time during the life of this Agreement or any renewal thereof.

19.0 PROHIBITION AGAINST EMPLOYING ILLEGAL ALIENS

- 19.1 Consultant shall not knowingly employ or contract with an illegal alien to perform work under this contract. Consultant shall not enter into a contract with a subcontractor that fails to certify to the Consultant that the subcontractor shall not knowingly employ or contract with an illegal alien to perform work under this contract.
- 19.2 Consultant will participate in either the E-verify program or the Department program, as defined in C.R.S. §§ 8-17.5-101(3.3) and 8-17.5-101(3.7), respectively, in order to confirm the employment eligibility of all employees who are newly hired for employment to perform work under the public contract for services. Consultant is prohibited from using the E-verify program or the Department program procedures to undertake pre-employment screening of job applicants while this contract is being performed.
- 19.3 If Consultant obtains actual knowledge that a subcontractor performing work under this contract for services knowingly employs or contracts with an illegal alien, Consultant shall:
- a. Notify the subcontractor and the City within three days that the Consultant has actual knowledge that the subcontractor is employing or contracting with an illegal alien; and
 - b. Terminate the subcontract with the subcontractor if within three days of receiving the notice required pursuant to this paragraph the subcontractor does not stop employing or contracting with the illegal alien; except that the Consultant shall not terminate the contract with the subcontractor if during such three days the subcontractor provides information to establish that the subcontractor has not knowingly employed or contracted with an illegal alien.
- 19.4 Consultant shall comply with any reasonable request by the Department of Labor and Employment made in the course of an investigation that the Department is undertaking pursuant to the authority established in C.R.S. § 8-17.5-102(5).
- 19.5 If Consultant violates a provision of this Contract required pursuant to C.R.S. § 8-17.5-102, City may terminate the contract for breach of contract. If the contract is so terminated, the Consultant shall be liable for actual and consequential damages to the City.

20.0 THIRD PARTY BENEFICIARIES

20.1 Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the City or Consultant. The Consultant's services under this Agreement are being performed solely for the City's benefit, and no other party or entity shall have any claim against the Consultant because of this Agreement or the performance or nonperformance of services hereunder.

21.0 DISPUTE RESOLUTION

21.1 In the event of a dispute arising out of or relating to this Agreement or the services to be rendered hereunder, the City and the Consultant agree to attempt to resolve such disputes in the following manner:

- a) First, the parties agree to attempt to resolve such disputes through direct negotiations between the appropriate representatives of each party.
- b) Second, if such negotiations are not fully successful, the parties agree to attempt to resolve any remaining disputes by formal nonbinding mediation conducted in accordance with rules and procedures to be agreed upon by the parties.
- c) Third, if the dispute or any issues remain unresolved after the above steps, the parties agree to attempt resolution by submitting the matter to litigation to the courts of Weld County, Colorado.

DATED: _____, 20__

CITY OF DACONO,

CONSULTANT:

By: _____
Mayor

By: _____
Principal

Attest: _____
City Clerk

Attest: _____

Exhibit “A”
[Scope of Services]

Exhibit “B”
[Fee Schedule]



June 17, 2022

City of Dacono
Attn: A.J. Euckert, City Manager
512 Cherry Street
Dacono, Colorado 80514

TRANSMITTED VIA EMAIL (NO HARD COPY WILL FOLLOW): A.J. Euckert (aeuckert@cityofdacono.com)

**RE: Professional Engineering Services Proposal for the City of Dacono
Phase 3 Water Master Planning: Water Distribution GIS Data Collection**

Dear Mr. Euckert:

Thank you for the opportunity to submit our professional engineering services proposal to the City of Dacono for Phase 3 of the Water Master Planning effort. We look forward to this opportunity to work with you.

Below is a summary of our understanding of the project and its objectives, followed by the proposed scope of services, project schedule, and fee estimate.

PROJECT UNDERSTANDING

The City of Dacono (City) is experiencing growth and planning to make improvements to the available water supply and distribution system to help meet increased demands. The current water distribution mapping is out of date and inaccurate. The existing distribution system requires mapping to include waterline location, size, and elevation. With this data, the City can develop asset management plans, manage future mapping needs, complete water modeling tasks, and plan for growth and development of the water system.

PROJECT OBJECTIVES

The project objectives are to:

1. Develop GIS mapping of the water distribution system with the options to coincidentally identify lead service lines and collect existing stormwater systems.
2. Train, develop and support City personnel to effectively manage, maintain and use GIS data.

SCOPE OF SERVICES

Plummer will provide professional services based upon the project objective. The proposed scope of services includes the following:

TASK 1: Field Collection and Verification

For each item below, Plummer proposes to support the City of Dacono in the field collection and verification of City utilities infrastructure by coincident field collection and records examination:

- Water distribution infrastructure - Plummer will verify and add missing key asset characteristics for existing water system features and complete the representation by field collecting the

identity, location, and characteristics (type, size, elevation, etc.) of features necessary for asset management, water modeling, and operation and maintenance of the water distribution systems.

- Field collection (or verification) will include all visible water features (fire hydrants, water meters, curb stops, water meters, water manholes), inverted measurements of distribution water valves and any water vaults or water manholes.
- The field collection will be conducted using aerial drones, and so will include orthometric imagery of subdivision areas and a digital surface model of apparent right of ways. Elevations of surface features of interest, derived from photogrammetry will be included.

Optional:

- a) Water system lead service line identification and assessment.
- b) Stormwater infrastructure field collection (curb or grate inlets, stormwater manholes, culverts, detention ponds, etc.).
 - Only one stormwater feature, a culvert, has been collected and mapped in the City's GIS.
 - The Frederick-Dacono Outfall System Plan (OSP) delivered by Anderson Consulting Engineers in April 2022 locates surface water crossings under existing roadways and identified improvements to these under crossings. It does not represent a collection of enclosed stormwater drainage systems in any other way

Through field collection and the reference of record documents the stormwater infrastructure could be collected and mapped at the same time.

Task 2: GIS Administration and Field Collection Orientation

Plummer will also support the City of Dacono in:

- a) GIS data and system administration through orientation and support in the use of existing software and equipment and the recommendation of business practices and additional tools to assure quality, efficiency, and effectiveness in GIS data maintenance.
- b) Providing the City staff with an orientation on methods of field data collection to maintain the representation of the infrastructure systems over time with respect to changes occurring to these systems by operations and maintenance.

The sequence of events for Tasks 1 and 2 will look like this:

1. Kick-off meeting (day meeting, online)
2. Review of records (on-site)
3. Overview of ArcGIS Online administration
4. Field collection effort
5. Field collection orientation
6. Compilation of field collected data
7. Compliance to data standards and delivery
8. Data review (public works utilities and administration)
9. Comments to data delivered
10. GIS administration orientation
11. Responses to comments, and
12. Revised data delivery

TASK 3: GIS Database Compilation and Production Assistance

Plummer will:

- a) Collect and compile existing GIS data from prior efforts by and for the City. Organize this data in accordance with industry standards, prepare metadata. Assure the data is placed and shared appropriately within and from the City's GIS. Existing CAD, paper or other map records will be inventoried and prioritized for future GIS data conversion.
- b) Prepare templates for map production in both web and desktop environments. These templates will aggregate access to regional data and present comprehensive and thematic map information in an available library of default layers with symbology, regardless of their data sources. This map production and set up will assure the quality, temporal currency, and efficiency of map production for City use.

TASK 4: GIS Program Support

Plummer will provide City GIS program development support across six activity areas:

- Personnel Acquisition, Retention and Training
- Data Development and Quality Control
- Information Protection and Security
- Systems Planning and Implementation
- Policy & Business Process Improvement
- Financial Planning and Material Inventories

Initially, this task will be limited to 40 hours of support.

Examples of implementation efforts under this task may include but is not limited to:

- a) Process development and training on field collection maintenance with specific equipment and software.
- b) Inventory existing software and equipment. Provide information to support City's maintenance. Recommend changes to and in the management of these to meet City needs and requirements.
- c) Convert existing map data from CAD, paper, and other sources into the City's GIS to industry standards. Prepare metadata and assure that data is shared appropriately within and from it.
- d) Provide training and support on the editing of existing GIS data, shared uses of this data by municipal partners, with focus on business processes that necessitate record changes in GIS.
- e) Interview City personnel. Document current use of geospatial data, document functional and operational needs for geospatial data and the performance of the City's GIS.
- f) Assess GIS data sharing of community partners who provide services to the City and its residents. Prepare data sharing agreements and technical means to allow controlled access between them.
- g) Assist the City in budgeting and programming to maintain GIS data, sustain software and equipment, train personnel, and manage change to sustain data as a business practice.

WORK PLAN

PROJECT PLANNING PHASE

KICK-OFF MEETING

We will conduct a kick-off meeting to review the scope of services and provide an opportunity for staff to provide input regarding the goals and objectives for the project. This meeting will be used to finalize the project schedule and task priorities and identify the lines of communication.

We will provide by email meeting agendas and supporting documents a minimum of two working days before the meeting and prepare and submit by email meeting notes within one week after the meeting.

EXECUTION PHASE

Plummer will complete the field collection, ArcGIS Online administration, database compilations and provide GIS support to the City of Dacono. Once completed this will leave the City with a GIS platform of their existing water infrastructure and the support to manage it moving forward. This work will be used as the foundation for the water modelling scope.

FINAL DELIVERABLE

The final delivery will include electronic files and a meeting to show and review the available data with the City.

PROJECT ASSUMPTIONS AND CONSTRAINTS

The following list of assumptions and constraints was used to develop the proposal:

The City of Dacono will provide the following:

1. Desired benchmark and survey control information.
2. Access to areas and facilities to conduct survey work, including access to underground and enclosed facilities.
3. A distributed collaboration with Plummer in ArcGIS Online
4. Access to public works and utilities records on site
5. Original digital files, facsimiles and scans of records intended for conversion
6. Audience with City staff for interviews, records, discussions

PROJECT EXCLUSIONS

The following items are excluded from the scope of work:

1. Rights-of-entry to private property for this project.
Collection efforts limited to apparent rights-of-way.
2. Potholing, subsurface investigation, or excavation of any kind to locate features.
Only available and accessible surface features will be collected.
3. Property lines and easements
This effort does not constitute a boundary survey.
4. "Level B" subsurface utility location
5. Tree location and identification
6. Finding or setting survey control monuments (other than temporary aerial control)
7. Scanning and indexing of physical project drawings and maps
8. Water service line material identification (lead services lines), stormwater infrastructure, and sanitary sewer collection system infrastructure are excluded from the data collection and scope of work. These services can be added, if desired by the client.

SCHEDULE

Plummer is available to begin work immediately upon receiving Notice to Proceed.

COMPENSATION

The estimated compensation for performing the Scope of Services as identified herein is on a time and material basis (T&M) not-to-exceed fee of \$122,143. Additional services can be provided upon request and mutual agreement. Plummer will submit progress invoices based on actual labor hours expended and reimbursable expenses.

A copy of our Billing Rate Schedule is attached. If this proposal is acceptable to you, please let us know and we will provide our Professional Services Agreement.

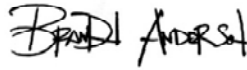
If you have any questions, please contact Kelly Fearney at kfearney@plummer.com.

Sincerely,
PLUMMER



Patrick O'Brien, PE, PMP
Principal

PLUMMER



Brandon Anderson
Project Manager

Encl.: Fee Estimate
2022 Rate Sheet
Preliminary Schedule

Project Planning - Plummer

From: 7/2/2022 To: 5/13/2023

Project: 4288-003-01 Dacono GIS water mapping-Dacono GIS water mapping

PIC: OBrien, Patrick

Client: 4288 City of Dacono

PM: Fearney, Kelly

WBS Budget	Bgt Hrs.	Bgt Labor	Bgt ODC	Budget CNS	Total Budget
4288-003-01 Dacono GIS water mapping-Dacono GIS water mapping	806.00	95,334.20	26,808.34	0.00	122,142.54
01 Field Collection & Verification	660.00	74,675.00	26,808.34	0.00	101,483.34
A Project Set-up and PM	40.00	6,650.00	0.00	0.00	6,650.00
B Kick-off Meeting	6.00	1,085.00	0.00	0.00	1,085.00
C Review of Records (on-site)	16.00	2,240.00	0.00	0.00	2,240.00
D Overview of ArcGIS Online	4.00	560.00	0.00	0.00	560.00
E Field Collection	320.00	30,200.00	26,808.34	0.00	57,008.34
F Field Data Processing in Office	274.00	33,940.00	0.00	0.00	33,940.00
02 GIS Admin & Field Collection	62.00	8,520.00	0.00	0.00	8,520.00
A Field Collection Orientation	16.00	2,320.00	0.00	0.00	2,320.00
B Compilation of Field Data and Revisions	16.00	2,000.00	0.00	0.00	2,000.00
C Compliance to Data Standards and Delivery	5.00	700.00	0.00	0.00	700.00
D Data Review	5.00	700.00	0.00	0.00	700.00
E Comments to Data Delivered	5.00	700.00	0.00	0.00	700.00
F GIS Administration Orientation	5.00	700.00	0.00	0.00	700.00
G Responses to Comments	5.00	700.00	0.00	0.00	700.00
H Revised Data Delivery	5.00	700.00	0.00	0.00	700.00
03 GIS Database Compilation	44.00	6,360.00	0.00	0.00	6,360.00
A Collect and Compile GIS Data	16.00	2,240.00	0.00	0.00	2,240.00
B Prepare Templates for Map Production	16.00	2,240.00	0.00	0.00	2,240.00
C GIS Delivery	12.00	1,880.00	0.00	0.00	1,880.00
04 GIS Support	40.00	5,779.20	0.00	0.00	5,779.20
A 40 Hours of Support	40.00	5,779.20	0.00	0.00	5,779.20

Scheduled Labor	Sched Hrs	Sched Amount
4288-003-01 Dacono GIS water mapping-Dacono GIS water mapping	806.00	95,334.20
01 Field Collection & Verification	660.00	74,675.00
A Project Set-up and PM	40.00	6,650.00
Anderson, Brandon	20.00	3,800.00
Brewer, Evan	2.00	160.00
Elliott, Kristopher	2.00	160.00
Johnson, Carey	2.00	300.00
Lowry, Nathan	8.00	1,120.00
Rose, Brandon	2.00	250.00
Runyan, Dennis	4.00	860.00
B Kick-off Meeting	6.00	1,085.00
Anderson, Brandon	1.00	190.00
Fearney, Kelly	1.00	215.00
Johnson, Carey	1.00	150.00
Lowry, Nathan	1.00	140.00
Omer, Steve	1.00	175.00
Runyan, Dennis	1.00	215.00
C Review of Records (on-site)	16.00	2,240.00
Lowry, Nathan	16.00	2,240.00
D Overview of ArcGIS Online	4.00	560.00
Lowry, Nathan	4.00	560.00
E Field Collection	320.00	30,200.00
Brewer, Evan	80.00	6,400.00
Hennings, Madison	80.00	9,200.00
Rose, Brandon	40.00	5,000.00
Sautter, Justin	120.00	9,600.00
F Field Data Processing in Office	274.00	33,940.00
Hennings, Madison	96.00	11,040.00
Johnson, Carey	26.00	3,900.00
Rose, Brandon	152.00	19,000.00
02 GIS Admin & Field Collection	62.00	8,520.00
A Field Collection Orientation	16.00	2,320.00
Johnson, Carey	8.00	1,200.00
Lowry, Nathan	8.00	1,120.00
B Compilation of Field Data and Revisions	16.00	2,000.00
Rose, Brandon	16.00	2,000.00
C Compliance to Data Standards and Delivery	5.00	700.00
Lowry, Nathan	5.00	700.00
D Data Review	5.00	700.00
Lowry, Nathan	5.00	700.00
E Comments to Data Delivered	5.00	700.00
Lowry, Nathan	5.00	700.00
F GIS Administration Orientation	5.00	700.00

Project Planning - Plummer

From: 7/2/2022 To: 5/13/2023

<i>Lowry, Nathan</i>	5.00	700.00
G Responses to Comments	5.00	700.00
<i>Lowry, Nathan</i>	5.00	700.00
H Revised Data Delivery	5.00	700.00
<i>Lowry, Nathan</i>	5.00	700.00
03 GIS Database Compilation	44.00	6,360.00
A Collect and Compile GIS Data	16.00	2,240.00
<i>Lowry, Nathan</i>	16.00	2,240.00
B Prepare Templates for Map Production	16.00	2,240.00
<i>Lowry, Nathan</i>	16.00	2,240.00
C GIS Delivery	12.00	1,880.00
<i>Anderson, Brandon</i>	4.00	760.00
<i>Lowry, Nathan</i>	8.00	1,120.00
04 GIS Support	40.00	5,779.20
A 40 Hours of Support	40.00	5,779.20
<i>Lowry, Nathan</i>	40.00	5,779.20

Scheduled ODC	Sched Amount
4288-003-01 Dacono GIS water mapping-Dacono GIS water mapping	26,808.34
01 Field Collection & Verification	26,808.34
E Field Collection	26,808.34
<i>Plummer</i>	26,808.34

**ATTACHMENT A
PLUMMER ASSOCIATES, INC.
HOURLY FEE SCHEDULE
2022**

Staff Description	Staff Code	2022 Rate
Admin Staff	A1 – A2	\$90.00
Admin Staff III	A3	\$95.00
Senior Admin Staff	A4	\$100.00
Designer/Technician	C1-C2	\$90.00
Designer/Technician III	C3	\$120.00
Senior Designer/Technician	C4	\$140.00
Construction Manager in Training (<i>CMIT</i>)	CM1	\$115.00
Construction Manager in Training II	CM2	\$125.00
Construction Manager in Training III	CM3	\$140.00
Construction Manager IV	CM4	\$145.00
Construction Manager V	CM5	\$175.00
Construction Manager	CM6	\$215.00
Senior Construction Manager	CM7	\$240.00
Principal Construction Manager	CM8	\$260.00
Resident Project Rep. I	RR1	\$80.00
Resident Project Rep. II	RR2	\$110.00
Resident Project Rep. III	RR3	\$130.00
Lead Resident Project Rep.	RR4	\$135.00
Field Tech I	LS1	\$80.00
Field Tech II	LS2	\$95.00
Survey Specialist I	LS3	\$105.00
Survey Specialist II	LS4	\$115.00
Survey Analyst	LS5	\$135.00
Chief of Parties	LS6	\$150.00
Engineer/Scientist Intern	ES0	\$60.00
Engineer-in-Training/Scientist-in-Training	ES1	\$115.00
Engineer-in-Training/Scientist-in-Training II	ES2	\$125.00
Engineer-in-Training/Scientist-in-Training III	ES3	\$140.00
Project Engineer/Scientist	ES4	\$145.00
Senior Project Engineer/Scientist	ES5	\$175.00
Project Manager	ES6	\$215.00
Senior Project Manager	ES7	\$240.00
Principal I	ES8	\$305.00
Principal II	ES9	\$320.00
Electrical Engineer in Training I	EE1	\$95.00
Electrical Engineer in Training II	EE2	\$120.00
Electrical Engineer in Training III	EE3	\$135.00
Electrical Specialist	EE4	\$145.00
Programmer	EE5	\$175.00
Programmer II	EE6	\$200.00
Senior Electrical Engineer	EE7	\$280.00

Billing rate may be adjusted by up to 4 percent annually (at the beginning of each calendar year) during the term of this agreement.

A multiplier of 1.15 will be applied to all direct expenses.

A technology charge will be billed at \$5 per labor hour.

