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Huntsville, AL 35806
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August 17, 2023

City of Madison
100 Hughes Road
Madison, Alabama 35758

Attn: Mr. Michael Johnson, P.E. CFM, City Engineer
(Michael.johnson@madisonal.gov)

**RE: Proposal for Engineering and Design Services
180 Rainbow Glen Circle Floodway Fill Removal
Madison, Madison County, Alabama
TTL Proposal Number: 000230502628.00**

Dear Mr. Johnson:

TTL, Inc. (TTL), is pleased to provide this proposal for professional services to the City of Madison (City) for the above-referenced project. We have prepared this proposal to outline our understanding of the project, our proposed scope-of-services, schedule and fee, and to establish a contractual agreement for the authorized services.

PROJECT INFORMATION

Project information was provided by Michael Johnson, P.E. and Michelle Dunson, P.E., with the City of Madison, through email correspondence and a meeting with Charles Olige, P.E., Anthony Cain, and Eric Bridwell, with TTL on August 4, 2023. TTL understands that the owner of the property at 180 Rainbow Glen Circle, in the City of Madison, filled a portion of the Regulatory Floodway (Floodway) associated with Tributary 3 to Indian Creek. Figure 1, to the right, illustrates the approximate boundary of the Floodway fill.

We understand the City is planning to contract for the removal of the fill and has requested TTL's assistance in preparing construction plans for the fill removal project.

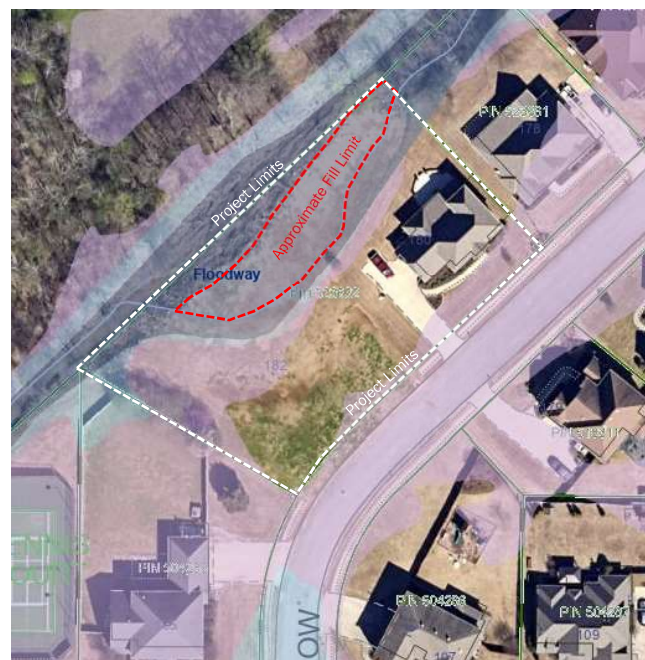


Figure 1

The following sections present our proposed scope of services to provide construction plans and specifications for removal of the Floodway fill.

SCOPE OF SERVICES

Existing Conditions Topographic Map

Initially, TTL will complete a topographic survey with recorded data in sufficient density to develop a DTM (Digital Terrain Model) of the project area. The topographic survey will include ground elevations and the location, dimensions, and material (as appropriate) of physical improvements within the project limits. Aboveground utility locations and marked underground utilities will be acquired from field observations. The existing conditions topographic map will serve as the basis of the site design. The topographic survey will be provided in NAD Alabama 83 East State Plane coordinates.

All surveying services will be provided to the Minimum Standard Detail Requirements listed in the Standards of Practice for Surveying in the State of Alabama.

Fill Removal Design and Construction Documents

TTL will provide design services associated with removal of the Floodway fill. Based on our understanding of the project objectives, TTL proposes to use available GIS and LIDAR imagery to develop proposed contours that best represent the topography of the Floodway prior to placement of the fill. Using the proposed contours, we will prepare a preliminary site grading plan for the City's review.

Following the City's review of the preliminary site grading plan, TTL will prepare construction plans for the project consisting of the following:

- Site Demolition Plan - This plan will indicate existing site improvements which are to be removed as a part of the construction process (stormwater pipe extension).
- Grading Plans - TTL will provide proposed grade line elevations and selected spot elevations for the site including all grading associated with removal of the Floodway fill. The grading plans will include reference stream cross-sections.
- Erosion and Sediment Control Plans - TTL will prepare erosion and sediment control plans in accordance with the requirements of the local and state jurisdiction.
- Construction Details - TTL will provide the necessary construction details and notes needed for construction of the plans designed by TTL.
- TTL will prepare "Issued-for-Construction" drawings, signed and sealed by the engineer of record, an Alabama registered Professional Engineer. We note that the actual number and subject of drawings may vary from the list summarized above as the engineering work progresses. We have assumed the drawings will be D-size, 22" x 34".
- *Specifications* - TTL will prepare specifications that communicate the scope of work, material requirements, and construction requirements of the design. General project requirements related to project administration will be summarized in the initial specification sections. Detailed engineering requirements will be defined in technical specifications that communicate the detailed design components for earthworks, stormwater management facilities, and ancillary project elements. The specifications will be developed using the City of Madison standard specifications and document templates.

Construction Phase Staking Services

TTL will stake the Floodway boundary and 10' offsets prior to commencement of construction.

As-Built Topographic Map

Following completion of the construction, TTL will complete an as-built topographic survey of the project area.

EXCLUSIONS

Please note this proposal does not include any of the following services due to the variable nature of this scope of services. Some of these services may be required and a proposal for these services can be provided upon the final determination of the scope of services:

- Structural design (retaining walls or bridge structures);
- Geotechnical engineering;
- Environmental studies or permitting;
- Construction observation or testing.

Services not specifically listed as a part of this scope of services can be performed on an hourly basis or under a separate proposal and contract as requested.

SCHEDULE

Based on our understanding of the project, we will begin our surveying fieldwork immediately upon authorization to proceed. We expect the topographic survey to take approximately a week to complete. We anticipate our design services can be completed within about two weeks following completion of the field survey. Factoring in time for the City's review and any revisions, we will strive to deliver completed construction plans within three to four weeks of authorization.

COMPENSATION

We propose to perform the Scope of Services outlined in this proposal for the lump sum fee of \$22,250. The scope of services outlined in this proposal is limited to the activities as described herein. Invoices will be submitted to the City monthly on a percent complete basis.

AUTHORIZATION

If this proposal for professional services meets with your approval, please authorize and return a signed copy of the attached Professional Services Agreement (PSA).

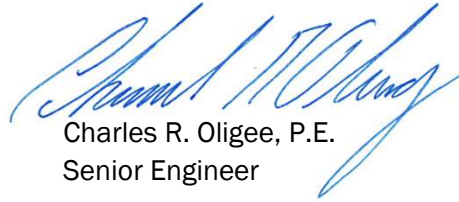
CLOSING

TTL appreciates the opportunity to provide professional services on this important project. If you have questions or need additional information, please contact our office at your convenience.

Sincerely,
TTL, Inc.



Brian E. Wysock, P.E.
Regional Manager



Charles R. Olige, P.E.
Senior Engineer

Attachment:

TTL Professional Services Agreement



PROFESSIONAL SERVICES AGREEMENT

TTL PROJECT NO.: 000230502628.00 PROJECT NAME: 180 Rainbow Glen Circle

This Agreement made and entered into on August 17, 2023 by and between TTL, Inc., hereinafter called "Consultant" and City of Madison, Alabama hereinafter called "Client" is for the services described under this Agreement.

By checking this box, Consultant and Client indicate that this Agreement will also serve as a Master Services Agreement (MSA) between the two entities. The term for the MSA shall commence upon the full execution of this Agreement and expire on _____.

- 1. **SCOPE OF SERVICES:** Consultant's services are described in the Scope of Services (Services) section of the Proposal, which is attached to and made a part of this Agreement. Portions of the Services may be subcontracted. Consultant's Services do not include the investigation or detection of, nor do recommendations in Consultant's reports address the presence or prevention of biological pollutants (e.g., mold, fungi, bacteria, viruses, or their byproducts) or occupant safety issues, such as vulnerability to natural disasters, terrorism, or violence, unless specifically addressed in Consultant's proposal. Consultant's findings, opinions, and recommendations are based solely upon data and information obtained by and furnished to Consultant at the time of the Services.
- 2. **ACCEPTANCE:** Client agrees that execution of this Agreement is a material element of the consideration Consultant requires to execute the Services, and if Services are initiated by Consultant prior to execution of this Agreement as an accommodation for Client at Client's request, both parties shall consider that commencement of Services constitutes formal acceptance of all terms and conditions of this Agreement. Additional terms and conditions may be added or changed only by written amendment to this Agreement signed by both parties. In the event Client uses a purchase order or other form to administer this Agreement, the use of such form shall be for convenience purposes only and both parties agree that this Agreement takes precedence over any additional or conflicting terms provided in other documents. This Agreement shall not be assigned by either party without prior written consent of the other party.
- 3. **CHANGE ORDERS:** Client may request changes to the Services by altering or adding to the Services to be performed. If Client so requests, Consultant will return to Client a statement (or supplemental proposal) of the change setting forth an adjustment to the Services and fees for the requested changes. Similarly, if project conditions change materially from those observed at the site or described to Consultant at the time of proposal, Consultant is entitled to a change order equitably adjusting its Services and fee. Following Client's review and concurrence with the change order request, Client shall provide written acceptance.
- 4. **COMPENSATION:** Client shall compensate Consultant for the Services performed at the fees stated in the Proposal. Fee schedules provided shall be valid for the calendar year in which they are issued. Consultant may invoice Client at least monthly and payment is due upon receipt of invoice. Client shall notify Consultant in writing within 15 days of the date of the invoice if Client objects to any portion of the charges on the invoice, and shall promptly pay the undisputed portion. Client shall pay a finance fee of 1.5% per month, but not exceeding the maximum rate allowed by law, for all unpaid amounts 30 days or older. Client agrees to pay all collection-related costs that Consultant incurs, including attorney's fees. Consultant may suspend or terminate Services for lack of timely payment without liability to Client in connection with such suspension or termination.

For some projects and, prior to provision of services, the Consultant may require the Client to make an initial retainer payment. As it pertains to this Agreement, Client is requested to deposit a retainer of \$ N/A with the Consultant. The retainer amount shall be credited upon completion of the services on the final invoice.

- 5. **THIRD PARTY RELIANCE:** This Agreement and the Services provided are for Consultant's and Client's sole benefit and exclusive use with no third-party beneficiaries made or intended. Reliance upon Consultant's work product Services is limited to Client. Permission to rely on Consultant's work product is not granted to third parties. **For a limited time period, not to exceed three months from the date of the report, Consultant will issue additional reports to others agreed upon with Client; however, Client understands that such reports will be issued strictly for informational purposes only and not for reliance. Reliance by any third party will not be granted until those third parties sign and return Consultant's reliance agreement and Consultant receives the agreed-upon reliance fee.** Client also acknowledges that such third-party disclosures for reliance could create a conflict of interest for Consultant and Client hereby waives any and all claims of conflict of interest against Consultant, Consultant's employees or sub-consultants or subcontractors regarding any disclosure to a third party for informational or reliance purposes. Consultant may rely upon information provided to Consultant by or on behalf of Client or third parties without any duty to independently verify the accuracy or completeness or currency of same, and Consultant shall have no liability to Client arising from any deficiency of such information.
- 6. **LIMITATION OF LIABILITY:** CLIENT AND CONSULTANT HAVE EVALUATED THE RISKS AND REWARDS ASSOCIATED WITH THIS PROJECT, INCLUDING CONSULTANT'S FEE RELATIVE TO THE RISKS ASSUMED, AND AGREE TO ALLOCATE CERTAIN OF THE ASSOCIATED RISKS. TO THE FULLEST EXTENT PERMITTED BY LAW, THE TOTAL MAXIMUM AGGREGATE LIABILITY OF CONSULTANT (AND ITS RELATED CORPORATIONS AND CONSULTANT'S SUBCONSULTANTS AND SUBCONTRACTORS AND THE OFFICERS, DIRECTORS, MANAGERS, MEMBERS, SHAREHOLDERS, AGENTS, REPRESENTATIVES AND EMPLOYEES OF ALL OF THE FOREGOING) TO CLIENT AND THIRD PARTIES GRANTED RELIANCE IS LIMITED TO THE GREATER OF \$50,000 OR CONSULTANT'S FEE, FOR ANY AND ALL INJURIES, DAMAGES, CLAIMS, LOSSES, OR EXPENSES (INCLUDING ATTORNEY AND EXPERT FEES) ARISING OUT OF CONSULTANT'S SERVICES OR THIS AGREEMENT. THIS LIMITATION SHALL APPLY REGARDLESS OF AVAILABLE INSURANCE COVERAGE, CAUSE(S) OR THE THEORY OF LIABILITY, INCLUDING NEGLIGENCE, INDEMNITY, STATUTORY, TORT, CONTRACTUAL OR EQUITABLE CONTRIBUTION OR INDEMNITY OBLIGATION OR ANY OTHER THEORY OF RECOVERY. THIS LIMITATION SHALL NOT APPLY TO THE EXTENT THE DAMAGE IS PAID UNDER CONSULTANT'S COMMERCIAL GENERAL LIABILITY POLICY.



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- 7. INDEMNIFICATION:** Consultant and Client shall indemnify and hold harmless the other and their respective employees from and against legal liability for claims, losses, damages, and expenses to the extent such claims, losses, damages, or expenses are legally determined to be caused by their negligent acts, errors, or omissions. In the event such claims, losses, damages, or expenses are legally determined to be caused by the joint or concurrent negligence of Consultant and Client, they shall be borne by each party in proportion to its own negligence under comparative fault principles. Neither party shall have a duty to defend the other party, and no duty to defend is hereby created by this indemnity provision and such duty is explicitly waived under this Agreement. Causes of action arising out of Consultant's services or this Agreement regardless of cause(s) or the theory of liability, including negligence, indemnity or other recovery shall be deemed to have accrued and the applicable statute of limitations shall commence to run not later than the date of Consultant's substantial completion of services on the project. Indemnification shall include but not be limited to failure to adequately implement and maintain effective best management practices for erosion and sediment control by Client, contractors, subcontractors, or others whether or not Consultant provides services related to such activities.
- 8. STANDARD OF CARE (WARRANTY):** The standard of care for all professional engineering, surveying, testing and related services performed or furnished by the Consultant under this Agreement will be the care and skill ordinarily used by members of the subject profession practicing with the same education and experience, under similar circumstances at the same time and in the same locality. Consultant makes no warranties, express or implied, under this Agreement or otherwise, in connection with any services performed or furnished. Subject to the foregoing standard of care, the Consultant may use or rely upon design elements and information ordinarily or customarily furnished by others, including, but not limited to manufacturers, suppliers, and publishers of technical standards.
- 9. INSURANCE:** Consultant represents that it now carries, and will continue to carry: (i) workers' compensation insurance in accordance with the laws of the states having jurisdiction over Consultant's employees who are engaged in the Services, and employer's liability insurance (\$1,000,000); (ii) commercial general liability insurance (\$1,000,000 occurrence / \$2,000,000 aggregate); (iii) automobile liability insurance (\$1,000,000 Bodily Injury and Property Damage combined single limit); and (iv) professional liability insurance (\$1,000,000 claim / aggregate). Certificates of insurance will be provided upon request. Client and Consultant shall waive subrogation against the other party on all general liability and property coverage.
- 10. CONSEQUENTIAL DAMAGES:** Neither party shall be liable to the other for loss of profits or revenue; loss of use or opportunity; loss of good will; cost of substitute facilities, goods, or services; cost of capital; or for any special, consequential, indirect, punitive, or exemplary damages.
- 11. OPINIONS OF COST:** Consultant's opinions (if any) of probable construction costs are made on the basis of Consultant's experience, qualifications, and general familiarity with the construction industry. However, because Consultant has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, Consultant's opinion of probable construction costs is not and shall not be considered a guaranteed estimate or exact price for construction of the Project. If Owner requires greater assurance as to probable construction cost, then Owner agrees to obtain an independent cost estimate.
- 12. SUBSURFACE EXPLORATION:** Subsurface conditions throughout the site may vary from those depicted on logs of discrete exploratory borings, test pits, or other subsurface exploratory services. Client understands Consultant's layout of exploratory boring and test locations is approximate and that Consultant may deviate a reasonable distance from those locations. Consultant will take reasonable precautions to reduce damage to the site when performing Services; however, Client accepts that invasive services such as drilling or sampling may damage or alter the site. Site restoration is not provided unless specifically included in the Services and Client assumes responsibility for site restoration.
- 13. TESTING AND OBSERVATIONS:** Client understands that testing and observation are discrete sampling procedures, and that such procedures indicate conditions only at the depths, locations, and times the procedures were performed. Consultant will provide test results and opinions based on tests and field observations only for the work tested. Client understands that testing and observation are not continuous or exhaustive, and are conducted to reduce - not eliminate - project risk. Client agrees to the level or amount of testing performed and the associated risk. Client is responsible (even if delegated to contractor) for requesting services, and notifying and scheduling Consultant so Consultant can perform these Services. Consultant is not responsible for damages caused by services not performed due to failure to request or schedule services. Consultant shall not be responsible for the quality and completeness of Client's contractor's work or Client's contractor's adherence to the project documents, and Consultant's performance of testing and observation services shall not relieve Client's contractor in any way from Client's contractor's responsibility for defects discovered in Client's contractor's work, or create a warranty or guarantee from Consultant of any nature. Consultant will not supervise or direct the work performed by Client's contractor or Client's contractor's subcontractors at any tier and Consultant explicitly is not responsible for their means and methods.
- 14. SAMPLE DISPOSITION:** Samples are consumed in testing or disposed of upon completion of tests (unless stated otherwise in the Services). Client shall furnish or cause to be furnished to Consultant all documents and information known or available to Client that relate to the identity, location, quantity, nature, or characteristic of any hazardous waste, biohazard, toxic, radioactive, or contaminated materials ("Affected Materials") at or near the site, and shall immediately transmit new, updated, or revised information as it becomes available. Client agrees that Consultant is not responsible for the disposition of Affected Material unless specifically provided in the Scope of Services submitted by Consultant, and that Client is responsible for directing such disposition. In the event that test samples obtained during the performance of Services (i) contain substances hazardous to health, safety, or the environment, or (ii) equipment used during the Services cannot reasonably be decontaminated, Client shall sign documentation (if necessary) required to ensure the equipment and/or samples are transported and disposed of properly, and agrees to pay Consultant the fair market value of this equipment and all reasonable disposal costs. In no event shall



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Consultant be required to sign a hazardous waste manifest or take title to any Affected Materials. Client shall have the obligation to make all spill or release notifications to appropriate governmental agencies. The Client agrees that Consultant neither created nor contributed to the creation or existence of any Affected Materials conditions at the site. Accordingly, Client waives any claim against Consultant and agrees to indemnify and save Consultant, Consultant's related companies, Consultant's sub-consultants or subcontractors, and the agents, representatives, officers, directors, members, managers and shareholders of all of the foregoing harmless from any claim, liability or defense cost, including attorney and expert fees, for injury or loss sustained by any person or entity from such exposures allegedly arising out of Consultant's non-negligent performance of services hereunder, or for any claims against Consultant as a generator, disposer, or arranger of Affected Materials under federal, state, or local law or ordinance.

- 15. UNFORESEEN CIRCUMSTANCES:** It is possible that unforeseen conditions or occurrences may be encountered at the site which could substantially alter the necessary services or the risks involved in completing Consultant's services. If this occurs, Consultant will promptly notify and consult with Client, but will act based on Consultant's sole judgment where risk to Consultant's personnel, the public or where professional duties to disclose hazards or conditions are involved. Possible actions could include: (a.) Complete the original Scope of Services in accordance with the procedures originally intended in Consultant's Proposal, if practicable in Consultant's judgment; (b.) Agree with Client to modify the Scope of Services and the estimate of charges to include assessment of the unforeseen conditions or occurrences, with such revision agreed to in writing; (c.) Terminate the services effective on the date specified by Consultant in writing; (d.) Disclose information to regulators or government authorities when required by statute or professional canons of ethics.
- 16. UTILITIES:** Client shall provide the location and/or arrange for the marking of private utilities and subterranean structures. Consultant shall take reasonable precautions to avoid damage or injury to subterranean structures or utilities. Consultant shall not be responsible for damage to (or claims arising out of damage to) subterranean structures or utilities that are not called to Consultant's attention or are not correctly marked, including being marked by a utility location service, or are incorrectly shown on the plans furnished to Consultant.
- 17. GROUND PENETRATING RADAR:** If TTL's Services include providing ground penetrating radar (GPR) services to Client, Client acknowledges and agrees that there are inherent limitations associated with use of the GPR equipment. In using GPR data, Client will be solely responsible for making any determinations to drill, excavate, or perform any other destructive processes and Client will indemnify and hold TTL harmless from liability associated with such determinations. Client further acknowledges that (a) unless otherwise indicated in the accompanying TTL proposal, any maps or drawings provided in connection with the Services are not survey quality; (b) TTL only reports GPR-retrieved data and, unless specifically stated as additional Services under the associated proposal, TTL does not include any investigation, analysis, or interpretation of soil composition, soil conditions, or geophysical, geological, engineering, or land surveying information; and (c) TTL makes no warranty or representation that use of the GPR equipment will locate all subsurface structures/obstacles.
- 18. SITE ACCESS AND SAFETY:** Client shall secure all necessary site related approvals, permits, licenses, and consents necessary for Consultant to commence and complete the Services and will execute any necessary site access agreement. Consultant will be responsible for supervision and site safety measures for its own employees, but shall not be responsible for the supervision or health and safety precautions for any other parties, including Client, Client's contractors and subcontractors, or other parties present at the site.
- 19. OWNERSHIP OF DOCUMENTS:** All documents, including plans, drawings, specifications, reports, logs, data, calculations, and surveys prepared by the Consultant are instruments of service and shall remain the property of the Consultant. Such documents may not be used by CLIENT for any other endeavor without express written consent from TTL. Any unauthorized re-use is at Client's or the recipients' sole and exclusive risk and is without liability to TTL. Proprietary concepts, systems, and ideas developed during performance of the Services shall remain the sole property of Consultant. Files shall be maintained in general accordance with Consultant's document retention policies and practices. Upon Client's request, Consultant's work product may be provided via electronic media. If Consultant's work product includes delivery of a design model or survey data file via electronic media, Consultant makes no warranty or representation to Client that the electronic copy is accurate or complete and Client shall be required to sign a separate Electronic Document Release Form evidencing this understanding. Consultant may rely upon information provided to Consultant by or on behalf of Client or third parties without any duty to independently verify the accuracy or completeness or currency of same, and Consultant shall have no liability to Client arising from any deficiency of such information.
- 20. WAIVER:** Any failure by Consultant to require strict compliance with any provision of this contract shall not be construed as a waiver of such provision, and Consultant may subsequently require strict compliance at any time, notwithstanding any prior failure to do so.
- 21. DISPUTE RESOLUTION:** In the unlikely event a dispute arises out of or relates to this contract, or the breach thereof, the parties will attempt to settle the matter through amicable discussion. Client shall not be entitled to assert a claim against Consultant based on any theory of professional negligence unless and until Client has obtained the written opinion of a registered, independent, and reputable engineer, surveyor, or geologist licensed in the jurisdiction in which the work in question was performed indicating that Consultant has violated the standard of care applicable to Consultant's performance of the Services. Client shall provide this opinion to Consultant and the parties shall endeavor to resolve the dispute within 30 days. If no agreement can be reached, the parties agree to use mediation before resorting to a judicial forum. The cost of a third-party mediator shall be shared equally by the parties with proceedings to be held in Tuscaloosa, Alabama . In the event of litigation, reasonable costs and attorneys' fees will be awarded to the prevailing party.
- 22. GOVERNING LAW:** Client and Consultant agree this Agreement and any legal actions related to its validity, interpretation and performance shall be governed by and according to laws of the state of Alabama .



PROFESSIONAL SERVICES AGREEMENT

- 23. SURVIVAL: All provisions of this Agreement for indemnity or allocation of responsibility or liability between Client and Consultant shall survive the completion of the services and the termination of this Agreement.
24. TERMINATION: This Agreement may be terminated at any time by either party by written notice in the event of substantial failure to perform in accordance with the terms herein by the other party through no fault of the terminating party.
25. SEVERABILITY: Any term or provision of this Agreement found to be invalid under any applicable statute or rule of law shall be deemed to be omitted and the remainder of this Agreement shall remain in full force and effect.

IN WITNESS WHEREOF, this Agreement is accepted on the date last written below, subject to the terms and conditions above stated and the provisions set forth herein.

CLIENT

ENTITY NAME: City of Madison, Alabama
CONTACT NAME: Michael Johnson P.E. CFM
TITLE: City Engineer
ADDRESS: 100 Hughes Rd
CITY AND STATE: Madison, AL
OFFICE PHONE: 256-772-5639
CELL PHONE: 256-836-9246
EMAIL: michael.johnson@madisonal.gov

CONSULTANT

ENTITY NAME: TTL, Inc.
CONTACT NAME: Brian E. Wysock P.E.
TITLE: Regional Manager/Vice President
ADDRESS: 6767 Old Madison Pike #404
CITY, STATE, ZIP: Huntsville, AL, 35806
OFFICE PHONE: 256-384-6768
CELL PHONE: N/A
EMAIL: bwysoc@ttlusa.com

SIGNED: Paul Finley, Mayor

SIGNED:

DATE: August, 2023

DATE:

ATTEST:

Lisa D. Thomas
City Clerk-Treasurer