CITY		ENGINEER	
CITY OF JOPLIN **602 S. MAIN STREET** **JOPLIN, MO 64801**		Name: Allgeier, Martin and Associates,Inc. Address: 7231 E. 24th Street Joplin, MO 64804	
Attention: Mr. Chris Parker, P.E. CParker@joplinmo.org		Attention: Mr. Michael Atkinson, P.E. Michael.Atkinson@AMCE.com	
Department: Public Works, Engineering		Phone: 417-680-7200	Fax:
Phone: 417-624-0820	Fax:	Storm Sewer Improvements, near 4th and School Streeets	

AMENDMENT 1 TO WORK AUTHORIZATION NUMBER AMA - TSO612 - 1
TO AGREEMENT FOR PROFESSIONAL ENGINEERING CONSULTING SERVICES

City and Engineer agree to amend their Agreement for Professional Engineering Consulting Services to include a scope of work and fees for engineering services, by adding the following terms to their Agreement.

1. **Services**. The City agrees to engage the services of the Engineer and the Engineer agrees to perform the services hereinafter set forth in connection with projects described in ***Exhibit A***.

2. **Addition to Services**. The City may add to the Engineer services or delete therefrom activities of a similar nature to those set forth in ***Exhibit A***, provided that the total cost of such work does not exceed the total cost allowance as specified in Paragraph 5 hereof. The Engineer shall undertake such changed activities only upon the direction of the City. All such directives and changes shall be in written form and prepared and approved by the City and shall be accepted and countersigned by the Engineer.

3. **Term**. The services of the Engineer shall commence as soon as practicable after the execution of this contract, unless otherwise directed in writing, and shall be undertaken and completed in such sequence as to assure their expeditious completion in the light of the purposes of the contract, but in any event, all of the services required hereunder shall be completed as set forth in the schedule for the project which is attached hereto as ***Exhibit A***.

4. **Costs not to Exceed**. The City of Joplin is limited by law with respect to the amount of money it can pay. Therefore, the City has established a fixed sum for this contract, which cannot be exceeded unless this contract is amended. The Engineer providing services hereunder shall be required to keep track of the amount of hours billable under this contract at all times; and any work in excess of the fixed sum shall not be eligible for payment. The Engineer shall notify the City if Engineer anticipates that the contract amount may be exceeded, in order to determine whether or not the City is prepared to increase the total compensation. The Engineer shall establish a billing system showing the amount of money remaining on the contract, which shall be shown in each monthly billing.

5. **Payment**.

a. **Conditioned upon acceptable performance**. The City agrees to pay the Engineer in accordance with the terms set forth in ***Exhibit A***, which shall constitute complete compensation for all services to be rendered under this contract; provided, that where payments are to be made periodically to Engineer for services rendered under this contract, the City expressly reserves the right to disapprove in whole or in part a request for payment where the services rendered during the period for which payment is claimed are not performed in a timely and satisfactory manner in accordance with the schedule and description of services set forth in ***Exhibit A***.

b. **Total compensation not to exceed**. It is expressly understood that in no event will the total additional compensation and reimbursement for the Scope of Work described in this Amendment be paid to the Engineer under the terms of Work Authorization Number AMA-TSO612-1 exceed the sum of Forty-Nine Thousand Six Hundred Twenty and 00/100 Dollars ($49,620.00).

6. **Insurance**. Without limiting any of the other obligations or liabilities of the Engineer, the Engineer shall secure and maintain at its own cost and expense, throughout the duration of this Contract and until the work is completed and accepted by the City of Joplin, insurance of such types and in such amounts as may be necessary to protect it and the interests of the City of Joplin against all hazards or risks of loss as hereunder specified or which may arise out of the performance of the Contract Documents. The form and

limits of such insurance, together with the underwriter thereof in each case, are subject to approval by the City of Joplin. Regardless of such approval, it shall be the responsibility of the Engineer to maintain adequate insurance coverage at all times during the term of the Contract. Failure of the Engineer to maintain coverage shall not relieve it of any contractual responsibility or obligation or liability under the Contract Documents.

The certificates of insurance, including evidence of the required endorsements hereunder or the policies, shall be filed with the City at the time that this contract is signed by the Engineer. All insurance policies shall provide thirty (30) days written notice to be given by the insurance company in question prior to modification or cancellation of such insurance. Such notices shall be mailed, certified mail, return receipt requested, to:

City of Joplin - Public Works, 602 S. Main, Joplin, MO 64801; and

Such policies shall name the City as an additional insured with limits of liability not less than the sovereign immunity limits for Missouri public entities calculated by the Missouri Department of Insurance as of January 1 each calendar year and published annually in the Missouri Register pursuant to Section 537.610, RSMo.
(See, http://insurance.mo.gov/industry/sovimmunity.php).

As of January 1, 2017, the minimum coverage for the insurance referred to herein shall be as set out below:

a. Workers' Compensation….Statutory coverage per RSMo 287.010 et seq.
Employer's Liability……. $1,000,000.00

b. Commercial General Liability Insurance, including coverage for Contractual Liability and Independent Contractors Liability. Such coverage shall apply to bodily injury and property damage on an "Occurrence Form Basis" with limits of at least Two Million Seven Hundred Sixty Two Thousand Seven Hundred Eighty Nine and no/100 Dollars ($2,762,789.00) for all claims arising out of a single accident or occurrence and at least Four Hundred Fourteen Thousand Four Hundred Eighteen and no/100 Dollars ($414,418.00) with respect to injuries and/or death of any one person in a single occurrence and an amount not less than at least $1,000,000 for all claims to property arising out of a single occurrence and at least $100,000 to any one owner with respect to damages to property. Engineer agrees that the proceeds of such insurance policy shall first be used to pay any award, damages, costs, and/or attorneys' fees incurred by or assessed against City, its employees, officers and agents, before payment of any award, damages, costs or attorneys fees of Engineer, its employees, officers or agents. Engineer agrees to cause its insurer to name City as an additional insured on such insurance policy, including the City as an additional insured for coverage under its products-completed operations hazard, and said policy shall be primary and noncontributory.

c. Automobile Liability Insurance covering bodily injury and property damage for owned, non-owned and hired vehicles, with limits of at least Two Million Seven Hundred Thirty-Four Thousand Five Hundred Sixty-Seven and no/100 Dollars ($2,734,567.00) for all claims arising out of a single accident or occurrence and at least Four Hundred Ten Thousand One Hundred Eighty-Five and no/100 Dollars ($410,185.00) with respect to injuries and/or death of any one person in a single accident or occurrence.

d. Errors and Omissions Insurance. The Engineer shall maintain a professional liability insurance policy in the amount of $1,000,000.00. This policy shall remain in full force and effect for a period of one year after completion and acceptance by the City of the construction of the project.

e. Subcontracts. In case any or all of this work is sublet, the Engineer shall require the subcontractor to procure and maintain all insurance required in subparagraphs (A), (B) and (C) hereof and in like amounts. Engineer shall require any and all subcontractors with whom it enters into a contract to perform work on this project to protect the City of Joplin through insurance against applicable hazards or risks and shall, upon request of the City, provide evidence of such insurance.

f. Notice. The Engineer and/or subcontractor shall furnish the City prior to beginning the work satisfactory proof of carriage of all the insurance required by this contract, with the provision that policies shall not be canceled, modified or non-renewed without thirty (30) days written notice to the City of Joplin.

g. Legislative or Judicial Changes. In the event the scope or extent of the City's tort liability as a governmental entity as described in Section 537.600 through 537.650 RSMo is broadened or increased during the term of this agreement by legislative or judicial action, the City may require Engineer, upon 10 days written notice, to execute a contract addendum whereby the Engineer agrees to provide, at a price not exceeding Engineer's actual increased premium cost, additional liability insurance coverage as the

City may require to protect the City from increased tort liability exposure as the result of such legislative or judicial action. Any such additional insurance coverage shall be evidenced by an appropriate certificate of insurance and shall take effect within the time set forth in the addendum.

7. All other terms and conditions of the original Agreement shall remain in effect.

IN WITNESS WHEREOF, the parties hereto have set their hands and seals on the day and year herein stated.

REVIEWED FOR APPROVAL

_____
Name & Title of Staff Project Manager

CERTIFICATE OF DIRECTOR OF FINANCE

I certify that the expenditure contemplated by this document is within the purpose of the appropriation to which it is to be charged and that there is an unencumbered balance of appropriated and available funds to pay therefore.

_____
Leslie Haase, Director of Finance

APPROVED AS TO FORM

_____
Peter Edwards, City Attorney

Engineer: Allgeier, Martin and Assoc., Inc.

By: _____

Printed Name: Michael Atkinson

Title: Vice President

Date: August 10, 2017

CITY OF JOPLIN, MISSOURI

By: _____
David Hertzberg, P.E.
Public Works Director

Date: _____

EXHIBIT A TO WORK AUTHORIZATION NUMBER AMA-TSO612-1, AMENDMENT 1 TO AGREEMENT FOR PROFESSIONAL ENGINEERING CONSULTING SERVICES
(Between the City of Joplin, Missouri and Allgeier, Martin and Associates, Inc. for Engineering Services Associated with Storm Water Improvements at and near 4th and School Streets)

1. SERVICES

Engineer shall provide the City of Joplin, hereinafter referred to as OWNER, with the following services:

1.1 General

1.1.1 ENGINEER shall perform professional planning, design, property acquisition, bidding, construction phase and resident project representation services as hereinafter stated which include customary civil engineering services.

1.1.2 Coordinate the planning, design and construction of the storm sewer project with the OWNER.

1.1.3 In general, the Project consists of the following:

1.1.3.1 Project area is generally the stormwater drainage system beginning at the intersection of Comingo Avenue and East 2nd Street downstream to the confluence with Joplin Creek. The project will now be bid in two phases due to the incorporation of CDBG funds and timing.

1.1.3.2 Revisions to contract documents to bid two separate projects and to incorporate CDBG requirements, which were not previously planned for. In addition, work includes the iterations necessary to modify the box culvert design at 5th St. for Phase II.

1.1.3.3 Bidding and Construction Phase Engineering for installation of the said new storm sewer line and inlets within the project area boundary. This will now include bidding two separate projects and coordination of two separate contracts.

1.1.3.4 Resident Construction Representation Phase services for the completion of the selected storm sewer improvements. Services will provide full time (40 hours per week) with an estimated additional construction duration of 5 weeks due to the separation of the project into two different phases. In addition, wage rate interviews will now be conducted on both phases of the project.

1.2 Planning and Design Phases.

ENGINEER shall provide the following planning and design services for the project, as follows:

1.2.1 Meet with OWNER and OWNER's representatives to discuss recommendations, project expectations, alternate routes and costs.

1.2.3 Conduct topographic surveys to the extent necessary for design of the project facilities.

1.2.4 Utilities: Conduct research and investigation into existing utilities located within the project boundaries. Engineer shall:

1.2.4.1 Make notification to utilities during conceptual phase/preliminary design process. Notification to be made in a specific, documentable format.

1.2.4.2 Based on specific utility feedback, and field observation, identify potential high expense utility relocation issues.

1.2.4.3 American Society of Civil Engineers (ASCE) National Consensus Standard titled ASCE C-I38-02, Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data, shall be utilized as a guideline for classifying, coordination and research of existing subsurface utilities.

1.2.4.3.1 Classification of the quality of existing subsurface utility data shall be made for the project. Such a classification will allow the project owner, engineer, and constructor to develop strategies to reduce risk, or at a minimum, to allocate risk due to existing subsurface utilities in a defined manner.

1.2.4.3.2 This project shall be considered a small project, where few subsurface utilities are anticipated to be present, and/or where information about subsurface utilities is believed to be generally accurate and comprehensive. Readily available information will be utilized, along with standard utility coordination efforts, to plan and design the improvements that are to be part of this project.

1.2.4.4 The ENGINEER will advise the OWNER of utility risks discovered during preliminary coordination and research efforts and recommend appropriate quality level of utility data for a given project area during the planning stages of the project and prior to completion of the final design of the project. Quality level recommendation will take into account such items as type of project, expected utilities, available rights-of-way, project timelines, and any other information determined necessary by the ENGINEER.

1.2.4.4.1 Upon receipt of the quality level recommendation level from the ENGINEER, the OWNER will specify to the ENGINEER the desired quality level of utility data to be utilized for the project.

1.2.4.5 The ENGINEER will furnish the desired utility quality level to the OWNER in accordance with typical industry standard of care.

1.2.4.6 If determined necessary after preliminary review of potential utility conflicts, consultation with the OWNER and assigning of desired utility quality level by the OWNER, a plan shall be prepared and presented for the OWNER to review. Said plan shall detail significant utility conflicts and proposed pothole locations and associated costs for verifying existing utilities. Potholing process, if determined necessary, will include both horizontal and vertical alignment and depth details. Such details will be included in 30 percent plan completion and in final right of way plans. The ENGINEER shall make efforts to provide such information in accordance with the typical industry standard of care.

1.2.4.7 Submit utility report to include representatives contacted, meeting dates, and a summary of discussions, requests, observations and/or concerns.

1.2.5 Prepare preliminary design documents consisting of final design criteria and preliminary drawings, and review same with OWNER.

1.2.6 Based on the information contained in the preliminary design documents, submit to the OWNER an opinion of probable project costs.

1.2.7 On the basis of the accepted preliminary design documents and the opinion of probable project cost, prepare for incorporation in the contract documents final drawings and specifications to show the character and extent of the Project.

1.2.8. Advise OWNER of any adjustments to the latest opinion of probable Project cost caused by changes in extent or design requirements of the Project or construction costs and furnish a revised opinion of probable Project cost based on the drawings and specifications.

1.2.9. Compile for review and approval by OWNER, his legal counsel and other advisors contract agreement forms, general conditions, supplementary conditions, bid forms, invitations to bid and instructions to bidders, and assist in the preparation of other related documents.

1.2.10. Furnish three copies of the above documents and present and review them in person with OWNER.

1.3 Bidding and Construction Phase

Following approval of the design documents by the OWNER, ENGINEER shall assist in the bidding phase for this project described, as follows:

1.3.1 Assist OWNER in advertising and obtaining bids for construction of the Project. Develop and distribute invitations to bid to contractors, plan houses, etc. Provide interested contractors and suppliers with copies of the plans and specifications as requests are made.

1.3.2 Consult with and advise OWNER as to the acceptability of substitute materials and equipment proposed by contractor(s) when substitution prior to the award of contracts is allowed by the bidding documents.

1.3.3 Respond to pre-bid questions, provide clarifications, review pre-bid submittal, prepare any necessary addenda, and oversee the opening of bids.

1.3.4 Assist OWNER in opening and evaluating bids or proposals and in assembling and awarding contract.

1.3.5 Schedule and assist with a project pre-construction conference.

1.3.6 Review and approve (or take other appropriate action in respect of) shop drawings (as that term is defined in the standard general conditions) and samples, the results of tests and inspections and other data which the contractor is required to submit, but only for conformance with the design concept of the Project and compliance with the information given in the contract documents (but such review and approval or other action shall not extend to means, methods, sequences, techniques, or procedures of construction or to safety precautions and programs incident thereto); determine the acceptability of substitute materials and equipment proposed by contractor(s); and receive and review (for general content as required by the Specifications) maintenance and operating instructions, schedules, guarantees, bonds and certificates of inspection which are to be assembled by contractor in accordance with the contract documents.

1.3.7 Issue all instructions of OWNER to contractor(s); issue necessary interpretations and clarifications of the contract documents and in connection therewith prepare change orders as required; have authority, as OWNER's representative, to require special inspection or testing of the work; act as initial interpreter of the requirements of the contract documents and judge of the acceptability of the work thereunder and make decisions on all claims of OWNER and contractor(s) relating to the acceptability of the work or the interpretation of the requirements of the contract documents pertaining to the execution and progress of the work; but ENGINEER shall not be liable for the results of any such interpretations or decisions rendered by him in good faith.

1.3.8 Conduct site visits as necessary to answer questions which may arise as to design concepts.

1.3.9 Based on ENGINEER's on-site observations as an experienced and qualified design professional and on review of applications for payment and the accompanying data and schedules, determine the amounts owing to contractor and recommend in writing payments to contractor in such amounts. Such recommendations of payment will constitute a representation to OWNER, based on such observations and

review, that the work has progressed to the point indicated: that, to the best of ENGINEER's knowledge, information, and belief, the quality of such work is in accordance with the contract documents (subject to an evaluation of such work as a functioning Project upon substantial completion, to the results of any subsequent tests called for in the contract documents, and to any qualifications stated in his recommendation); and that payment of the amount recommended is due contractor(s). But by recommending any payment, ENGINEER will not thereby be deemed to have represented that continuous or exhaustive examinations have been made by ENGINEER to check the quality or quantity of the work or to review the means, methods, sequences, techniques, or procedures of construction or safety precautions or programs incidental thereto; or that ENGINEER has made an examination to ascertain how or for what purposes any contractor has used the moneys paid on account of the contract price; or that title to any of the work, materials, or equipment has passed to OWNER free and clear of any lien, claims, security interests or encumbrances; or that contractor(s) have completed their work exactly in accordance with the contract documents.

1.3.10 Conduct site observation periodically to determine if the Project is substantially complete and conduct a final site review to determine if the work has been completed substantially in accordance with the contract documents and if each contractor has fulfilled all of his obligations thereunder so that ENGINEER may recommend, in writing, final payment to each contractor and may give written notice to OWNER and the contractor(s) that the work is acceptable (subject to any conditions therein expressed); but any such recommendation and notice shall be subject to the limitations expressed in paragraph 1.3.9.

1.3.11 Provide the OWNER with one set of record prints of drawings showing those changes made during the construction process, based on the marked-up prints, drawings, and other data furnished by the contractor to ENGINEER and which ENGINEER considers significant.

1.3.14 ENGINEER shall not be responsible for the acts or omissions of any contractor, or subcontractor, or any of the contractor(s)' or subcontractors' agents or employees, or any other persons (except ENGINEER's own employees and agents) at the site, or otherwise performing any of the contractor(s)' work; however, nothing contained in paragraph 1.3.1 through 1.3.15, inclusive, shall be construed to release ENGINEER from liability for failure to properly perform duties set forth in this contract.

1.4 Resident Project Representation.

1.4.1 At the OWNER's discretion, ENGINEER may be requested to furnish a resident project representative (RPR), assistants, and other field staff to assist ENGINEER in observing performance of the work of the contractor. If the ENGINEER is asked to provide an RPR for the project, it is through the more extensive on-site observations of the work in progress and field checks of materials and equipment by the RPR and assistants, that ENGINEER shall endeavor to provide further protection for OWNER against defects and deficiencies in the work of contractor; but the furnishing of such services will not make ENGINEER responsible for or give ENGINEER control over construction means, methods, techniques, sequences or procedures or for safety precautions or programs, or responsibility for contractor's failure to perform the work in accordance with the contract documents.

1.4.1.1 If the OWNER requests that ENIGNEER provide a resident project representative, said RPR is ENGINEER's agent at the site, will act as directed by and under the supervision of ENGINEER, and will confer with ENGINEER regarding RPR's actions. RPR's dealings in matters pertaining to the on-site work shall in general be with ENGINEER and contractor, keeping OWNER advised as necessary. RPR's dealings with subcontractors shall only be through or with the full knowledge and approval of contractor. RPR shall generally communicate with OWNER with the knowledge of and under the direction of ENGINEER.

1.4.1.2 If the OWNER elects to exclude resident project representation from the scope of this contract, and instead provide that service with its own personnel, the OWNER's RPR shall act as the OWNER's agent at the site, and will confer with ENGINEER regarding RPR's actions. RPR's dealings in matters pertaining to the on-site work shall continue to be in general with the ENGINEER and contractor, keeping the OWNER advised. It is intended that the duties and responsibilities, as well as the limitations of authority, set forth in Sections 1.4.2 and 1.4.3 of this contract, are applicable regardless of which party provides the RPR.

1.4.2. Duties and Responsibilities of RPR.

1.4.2.1 Schedules: Review the progress schedule, schedule of shop drawing submittals, and schedule of values prepared by contractor and consult with ENGINEER concerning acceptability.

1.4.2.2 Conferences and Meetings: Attend meetings with contractor, such as preconstruction conferences, progress meetings, job conferences, and other project-related meetings.

1.4.2.3 Liaison:

a) Serve as ENGINEER's liaison with contractor, working principally through contractor's superintendent and assist in understanding the intent of the contract documents; and assist ENGINEER in serving as OWNER's liaison with contractor when contractor's operations affect OWNER's on-site operations.

b) Assist in obtaining from OWNER additional details or information required for proper execution of the work.

1.4.2.4 Shop Drawings and Samples:

a) Record date of receipt of shop drawings and samples.

b) Receive samples that are furnished at the site by contractor, and notify ENGINEER of availability of samples for examination.

c) Advise ENGINEER and contractor of the commencement of any work requiring a shop drawing or sample if the submittal has not been approved by ENGINEER.

1.4.2.5 Review of Work, Rejection of Defective Work, Inspections and Tests:

a) Conduct on-site observations of the work in progress to assist ENGINEER in determining if the work is in general proceeding in accordance with the contract documents.

b) Report to ENGINEER whenever RPR believes that any work is unsatisfactory, faulty, or defective or does not conform to the contract documents, or has been damaged, or does not meet the requirements of any inspection, test, or approval required to be made; and advise ENGINEER of work that RPR believes should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection, or approval.

c) Verify that tests, equipment, and systems startups and operating and maintenance training are conducted in the presence of appropriate personnel, and that contractor maintains adequate records thereof; and observe, record, and report to ENGINEER appropriate details relative to the test procedures and startups.

d) Accompany visiting inspectors representing public or other agencies having jurisdiction over the Project, record the results of these inspections, and report to ENGINEER.

1.4.2.6 Interpretation of Contract Documents: Report to ENGINEER when clarifications and interpretations of the contract documents are needed and transmit to contractor clarifications and interpretations as issued by ENGINEER.

1.4.2.7 Modifications: Consider and evaluate contractor's suggestions for modifications in drawings or specifications and report with RPR's recommendations to ENGINEER. Transmit to contractor decisions as issued by ENGINEER.

1.4.2.8 Records:

a) Maintain orderly files for correspondence, reports of job conferences, shop drawings and samples, reproductions of original contract documents including all work directive changes, addenda, change orders, field orders, additional drawings issued subsequent to the execution of the contract, ENGINEER's clarifications and interpretations of the contract documents, progress reports, and other project related documents.

b) Keep a diary or log book, recording contractor hours on the job site, weather conditions, data relative to questions of work directive changes, change orders, or changed conditions, list of job site visitors, daily activities, decisions, observations in general and specific observations in more detail as in the case of observing test procedures; and send copies to ENGINEER.

c) Record names, addresses, and telephone numbers of all contractors, subcontractors, and major suppliers of materials and equipment.

1.4.2.9 Reports:

a) Furnish ENGINEER with periodic reports, as required, of progress of the work and of contractor's compliance with the progress schedule and schedule of shop drawings and sample submittals.

b) Consult with ENGINEER in advance of scheduled major tests, inspections, or start of important phases of the work.

c) Draft proposed change orders and work directive changes, obtaining backup material from contractor and recommend to ENGINEER change orders, work directive changes, and field orders.

d) Report immediately to ENGINEER and OWNER upon the occurrence of any accident.

1.4.2.10 Payment Requests: Review applications for payment with contractor for compliance with the established procedure for their submission, and forward with recommendations to ENGINEER, noting particularly the relationship of the payment requested to the schedule of values, work completed, and materials and equipment delivered at the site but not incorporated in the work.

1.4.2.11 Certificates, Maintenance, and Operation Manuals: During the course of the work, verify that certificates, maintenance, and operation manuals and other data required to be assembled and furnished by contractor are applicable to the items actually installed and in accordance with the contract documents, and have this material delivered to ENGINEER for review and forwarding to OWNER prior to final payment for the work.

1.4.2.12 Completion:

a) Before ENGINEER issues a certificate of substantial completion, submit to contractor a list of observed items requiring completion or correction.

b) Conduct final inspection in the company of ENGINEER, OWNER, and contractor, and prepare a final list of items to be completed or corrected.

c) Observe that all items on final list have been completed or corrected and make recommendations to ENGINEER concerning acceptance.

1.4.3 Limitations of Authority. Resident project representative:

1.4.3.1 Shall not authorize any deviation from the contract documents or substitution of materials or equipment, unless authorized by ENGINEER.

1.4.3.2 Shall not exceed limitations of ENGINEER's authority as set forth in the Agreement or the contract documents, however this clause shall not diminish the authority of the RPR, and in the event either party becomes aware of a possible conflict, the parties will meet and confer and resolve the problems reasonably.

1.4.3.3 Shall not undertake any of the responsibilities of contractor, subcontractors, or contractor's superintendent, however this clause shall not diminish the authority of the RPR, and in the event either party becomes aware of a possible conflict, the parties will meet and confer and resolve the problems reasonably.

1.4.3.4 Shall not advise on, issue directions relative to, or assume control over any aspect of the means, methods, techniques, sequences, or procedures of construction unless such advice or directions are specifically required by the contract documents however this clause shall not diminish the authority of the RPR and in the event either party becomes aware of a possible conflict, the parties will meet and confer and resolve the problems reasonably.

1.4.3.5 Shall not advise on, issue directions regarding, or assume control over safety precautions and programs in connection with the work.

1.4.3.6 Shall not accept shop drawing or sample submittals from anyone other than contractor.

1.4.3.7 Shall not authorize OWNER to occupy the project in whole or in part.

1.4.3.8 Shall not participate in specialized field or laboratory tests or inspections conducted by others except as specifically authorized by ENGINEER.

2. TERMS

2.1 The services of the Engineer shall begin as soon as a written Notice to Proceed is provided by the OWNER.

2.2 Distribution of compensation between individual tasks indicated in Section 3 may be altered as necessary to be consistent with services actually rendered, but shall not exceed the total estimated compensation amount unless approved in writing by the OWNER.

2.3 Schedule: The services of the Engineer shall commence as soon as practicable after the execution of this contract and shall be undertaken and completed in such sequence as to assure their expeditious completion in the light of the purposes of the contract, but in any event, ENGINEER shall make good faith effort such that all of the services required hereunder for this Work Authorization scope of work shall be completed no later than September 9, 2018.

3. PAYMENT

3.1 Request for payment may be submitted at appropriate intervals during the contract. Application for payment must include a detailed breakdown of deliverables completed as well as specific tasks of percentages of specifics tasks completed. Payment schedule will be at the approval of the City.

3.2 Payment to Engineer shall be at the hourly labor Rates and Non-Labor Rates set forth in the attachment Number One to Exhibit A: "RATE SCHEDULE 2017-2018"; with a total compensation ceiling of $49,620.00 for additional services, as set forth in Work Authorization Number AMA-TSO612-1, Amendment 1 to the Agreement for Professional Engineering Consulting Services, Section 5.b. with the estimated maximum fees broken down for respective services in more detail as follows:

Task		Estimated Fee
Standard Project Engineering Services – Amendment No. 1		
Planning and Design Phase Engineering Services (Paragraphs 1.1.3.2 and 1.2)	$9,620.00	
Bidding and Construction Phase Engineering Services (Paragraphs 1.1.3.3 and 1.3)	$20,500.00	
Subtotal Standard Project Engineering Services		$30,120.00
Additional Project Engineering Services – Amendment No. 1		
Resident Project Representation Services (Paragraphs 1.1.3.4 and 1.4)		$19,500.00
Total Estimated Maximum Fee – All Services (Amendment No. 1)		**$49,620.00**
Total Original Agreement		**$387,000.00**
Total Agreement Including Amendment No. 1		**$436,620.00**

4. SUMMARY OF ATTACHMENTS

Attachment Number 1	Rate Schedule
Attachment Number 2	Project Task Schedule - Revised

ATTACHMENT NUMBER ONE

ALLGEIER, MARTIN and ASSOCIATES, INC.

Consulting Engineers and Surveyors

RATE SCHEDULE
2017 - 2018

LABOR RATES

Classification	Hourly Billing Rate 01/01/2017 Thru 12/31/2017	Hourly Billing Rate 01/01/2018 Thru 12/31/2018
Principal/Engineer IV	$191	$195
Principal/Engineer III	$175	$180
Project Manager/Engineer II	$155	$160
Project Manager/Engineer I	$140	$145
Technician III/GIS Specialist	$128	$132
Technician III	$108	$112
Technician II	$95	$100
Technician I	$88	$94
Two-Man GPS Survey Crew	$181	$185
One-Man GPS Survey Crew	$140	$145
Three-Man Survey Crew	$201	$201
Two-Man Survey Crew	$155	$160
Registered Land Surveyor II	$166	$170
Registered Land Surveyor I	$145	$150
Survey Crew Member	$72	$76
Right of Way Specialist	$112	$116
Project Representative III	$108	$112
Project Representative II	$95	$100
Project Representative I	$88	$92
Secretary/Assistant	$72	$76
Print Specialist	$72	$76

Note: All pre-approved overtime hours shall be invoiced at 1½ times the hourly billing rate shown above.

NON-LABOR RATES

Item	Rate
Travel	$0.53 per mile (or current IRS rate)
Subsistence	Actual Cost
Lodging	Actual cost
Special Postage or Shipping	Actual cost
Printing	Actual cost
Surveying Materials	Actual cost
Subcontract Specialty Services	Cost + 10%

Attachment No. 2
Drainage Improvements
For
Joplin Creek East Basin (TSO612)

ID	Task Name	Duration	Start	Finish
1	Drainage Improvements Joplin Creek East Basin (TSO612)			
2	Phase I			
3	Construction	80 days	Wed 3/22/17	Fri 6/9/17
4	Phase II			
5	*Notice To Proceed*	3 days	Mon 10/5/15	Wed 10/7/15
6	*Data Collection*	12 days	Thu 10/8/15	Mon 10/19/15
7	*Hydrology*	11 days	Tue 10/20/15	Fri 10/30/15
8	*Analysis & Design for Proposed System*	212 days	Mon 11/2/15	Tue 5/31/16
9	*Presentation of Preliminary Design Including Revisions and Updates*	10 days	Wed 6/1/16	Fri 6/10/16
10	*Easement Acquisition (TSO612)*	345 days	Sat 6/11/16	Sun 5/21/17
11	RR Agreement	159 days	Wed 12/14/16	Sun 5/21/17
12	*Utility Relocation*	336 days	Fri 7/1/16	Thu 6/1/17
13	Street Closures (If Required)	90 days	Sat 4/1/17	Thu 6/29/17
14	*Final Plan Production*	60 days	Thu 6/29/17	Sun 8/27/17
15	*Contract Documents and Specifications*	30 days	Tue 8/1/17	Wed 8/30/17
16	City Final Plan Review	45 days	Thu 8/31/17	Sat 10/14/17
17	*Solicitation of Bids*	30 days	Sun 10/15/17	Mon 11/13/17
18	*Bid Recommendation*	30 days	Tue 11/14/17	Wed 12/13/17
19	Award of Construction Contract	60 days	Thu 12/14/17	Sun 2/11/18
20	*Construction*	180 days	Wed 3/14/18	Sun 9/9/18

