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. Dan Johnson, P.E. Djohnso1@joplinmo.org		Attention: Mr. Chris Erisman, P.E. CHRIS.ERISMAN@AMCE.COM	
Department: Public Works, Engineering		Phone: 417-680-7200	Fax: 417-680-7300
Phone: 417-624-0820, x. 500	Fax: 417-625-4738		

WORK AUTHORIZATION NUMBER AMA - Rehab '15 & '16 SS - 1
TO AGREEMENT FOR PROFESSIONAL ENGINEERING CONSULTING SERVICES

City and Engineer agree to amend their Agreement for Professional Engineering Consulting Services, dated June 29, 2015, 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 compensation and reimbursement to be paid to the Engineer under the terms of this work Authorization Number AMA - Rehab '15 & '16 SS - 1 exceed the sum of Two Hundred Forty-Eight Thousand and no/100 Dollars ($248,000.00).

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

All policies except for the professional liability policy 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, 2015, 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 Twenty-Seven Thousand Four Hundred Eighty-Nine and no/100 Dollars ($2,727,489.00) for all claims arising out of a single accident or occurrence and at least Four Hundred Nine Thousand One Hundred Twenty-Three and no/100 Dollars ($409,123.00) 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 Twenty-Seven Thousand Four Hundred Eighty-Nine and no/100 Dollars ($2,727,489.00) for all claims arising out of a single accident or occurrence and at least Four Hundred Nine Thousand One Hundred Twenty-Three and no/100 Dollars ($409,123.00) 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 on both a per-claim and an aggregate basis. 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 Associates, Inc.

By: _____

Printed Name: Chris Erisman

Title: Vice President

Date: _____

CITY OF JOPLIN, MISSOURI

By: _____

Nicholas A. Heatherly, P.E.
Public Works Director

Date: _____

EXHIBIT A TO WORK AUTHORIZATION NUMBER AMA - Rehab '15 &'16 SS - 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 the 2015 and 2016 Sanitary Sewer Line Rehabilitation projects and the Fillmore Bridge Pump replacement project)

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 sanitary sewer project with the OWNER.

1.1.3 In general, the Project consists of the following:

1.1.3.1 Miscellaneous Sanitary Sewer Collection System Rehabilitation and Replacement Projects within the City of Joplin.

1.1.3.2 Fillmore Bridge Lift Station Pump Replacement:

1.1.3.2.1 Design of the replacement of the three existing pumps at the Fillmore Bridge Lift Station including the preparation of plans and specifications necessary to bid and construct said work.

1.1.3.2.2 Bidding and Construction Phase Engineering for installation of the said new pumps at the Fillmore Bridge Lift Station.

1.1.3.2.3 Resident Construction Representation Phase services for the completion of the Fillmore Bridge Lift Station pump replacement. Services will be provided part time with an estimated construction duration of 1 month.

1.1.3.3 Supervisory Control and Data Acquisition (SCADA) at collection system lift stations:

1.1.3.3.1 Design of SCADA system for each lift station within the sanitary sewer collection system including the preparation of plans and specifications necessary to bid and construct said work.

1.1.3.3.1.1 Twenty-Four (24) existing lift stations are projected to receive SCADA system additions as part of the project. The SCADA system shall be set up to monitor activity and receive data from each location by cellular communication service at remote locations but not include capabilities to operate the respective facilities.

1.1.3.3.1.2 Multiple data inputs will be provided at each lift station with the data transmitted to a centralized monitoring location as directed by the OWNER.

1.1.3.3.2 Bidding and Construction Phase Engineering for installation of the said new Lift Station SCADA communication system.

1.1.3.3.3 Resident Construction Representation Phase services for the completion of the installation of the lift Station SCADA communication system. Services will be provided part time with an estimated construction duration of 5 months.

1.1.3.4 Annual Collection System Rehabilitation Contract Preparation:

1.1.3.4.1 Plan and Develop Annual Collection System Rehabilitation Contract including the preparation of plans, contract documents and specifications necessary to bid and undertake said work. The annual rehabilitation contract, otherwise referred to as the sanitary sewer rehabilitation "tool box", shall be in effect for a two-year time period.

1.1.3.4.2 Bidding and Construction Phase Engineering for installation of said annual collection system rehabilitation contract.

1.1.3.4.2.1 Once the annual contract has been bid and awarded, ENGINEER shall assist the OWNER is project development for rehabilitation work to be completed through the annual rehabilitation contract.

1.1.3.4.2.2 Over the two-year term of the annual rehabilitation contract, it is estimated that the ENGINEER shall assist the OWNER in the development of approximately 5 projects.

1.1.3.4.3 Resident Construction Representation Phase services for the completion of the selected sanitary sewer collection system rehabilitation projects. Services required would be provided hourly, on an as-needed basis. If more time is necessary for these services than the estimated maximum fee allows, then the contract shall be amended accordingly, as desired by the OWNER.

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.

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

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

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

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

1.2.3.3 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.

1.2.3.3.1 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.

1.2.3.3.2 The projects within this work authorization 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.

1.2.3.4 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.

1.2.3.4.1 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.

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

1.2.3.5 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.

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

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

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

1.2.6 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.

1.2.7 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.

1.2.8 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.

1.2.9 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.

1.3.1.1 It is anticipated that all of the miscellaneous sanitary sewer line replacement projects will be bid out as one large single project package that will ultimately be awarded under one construction contract. The development and administering of multiple project bids and construction contracts on top of the one single bid scenario would be considered an additional service.

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 part-time 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 (NTP) for each respective project is provided by the OWNER. The following shall be completed and submitted to the Owner as follows:

Task	Duration
Fillmore Bridge Lift Station Pump Replacement:	
Preparation of design plans, contract documents, and specifications to bid project	4 months after receipt of NTP
Existing Lift Station SCADA Addition	
Preparation of design plans, contract documents, and specifications to bid project	7 months after receipt of NTP
Annual Collection System Rehabilitation Contract	
Preparation of initial “Tool Box” contract documents and specifications to bid project	2 months after receipt of NTP
Project Development after initial Rehabilitation “Tool Box” Bid is accepted	Ongoing during Two-year Period that “Tool Box” is in place

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.

3. PAYMENT

3.1 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 2015-2016"; with a total compensation ceiling of $248,000, as set forth in Work Authorization Number AMA - Rehab '15 &'16 SS - 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		
Fillmore Bridge Lift Station Pump Replacement		
Planning and Design Phase Engineering Services (Paragraphs 1.1.3.2.1 and 1.2)	$25,500	
Bidding and Construction Phase Engineering Services (Paragraphs 1.1.3.2.2 and 1.3)	$10,000	
Subtotal Fillmore Bridge LS Pump Replacement Engineering Services		$35,500
Existing Lift Station SCADA Addition		
Planning and Design Phase Engineering Services (Paragraphs 1.1.3.3.1 and 1.2)	$51,500	
Bidding and Construction Phase Engineering Services (Paragraphs 1.1.3.3.2 and 1.3)	$9,000	
Subtotal Existing Lift Station SCADA Addition Engineering Services		$60,500
Annual Collection System Rehabilitation Contract		
Planning and Design Phase Engineering Services (Paragraphs 1.1.3.4.1 and 1.2)	$15,000	
Bidding and Construction Phase Engineering Services (Paragraphs 1.1.3.4.2 and 1.3)	$57,000	
Subtotal Annual Collection System Rehabilitation Contract Engineering Services		$72,000
Additional Project Engineering Services		
Fillmore Bridge Lift Station Pump Replacement Resident Project Representation Services (Paragraphs 1.1.3.2.3 and 1.4)		$15,000
Existing Lift Station SCADA Addition Resident Project Representation Services (Paragraphs 1.1.3.3.3 and 1.4)		$35,000
Annual Collection System Rehabilitation Contract Resident Project Representation Services (Paragraphs 1.1.3.4.3 and 1.4)		$30,000
Total Estimated Maximum Fee – All Standard and Additional Services		$248,000

4. SUMMARY OF ATTACHMENTS

Attachment Number 1	Rate Schedule
Attachment Number 2	Certificate of Liability Insurance

ATTACHMENT NUMBER ONE

RATE SCHEDULE
2015-2016

ALLGEIER, MARTIN and ASSOCIATES, INC.

Consulting Engineers and Surveyors

LABOR RATES

Position	Hourly Billing Rate 01/01/2015 thru 12/31/2015	01/01/2016 thru 12/31/2016
Principal/Engineer IV	$180	$185
Principal/Engineer III	$165	$170
Project Manager/Engineer II	$145	$150
Project Manager/Engineer I	$130	$135
Designer/Technician III	$100	$104
Designer/Technician II	$87	$91
Designer/Technician I	$81	$85
Two-Man GPS Survey Crew	$170	$175
One-Man GPS Survey Crew	$130	$135
Three-Man Survey Crew	$187	$195
Two-Man Survey Crew	$145	$150
Registered Land Surveyor II	$155	$160
Registered Land Surveyor I	$135	$140
Survey Party Chief	$81	$85
Survey Crew Member	$66	$69
Right of Way Specialist	$104	$108
Construction Inspector III	$100	$104
Construction Inspector II	$87	$91
Construction Inspector I	$81	$85
Secretary/Word Processor	$66	$69
Print Specialist	$66	$69

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

NON-LABOR RATES

Item	Rate
Travel	$0.57 per mile (or 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%

ALLGE-1 OP ID: BC

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 07/09/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER The Insurancenter 2901 Arizona Ave Joplin, MO 64804 J. Scott Brothers	CONTACT NAME: Cristi Becker PHONE (A/C, No, Ext): 800-444-8675 FAX (A/C, No): 417-623-0902 E-MAIL ADDRESS: cbecker@theinsurancenter.com
INSURED Allgeier,Martin & Associates Inc P O Box 2627 Joplin, MO 64803-2627	INSURER(S) AFFORDING COVERAGE — NAIC # INSURER A : Transportation Insurance Co — 20494 INSURER B : American Casualty Company of — 20427 INSURER C : Continental Casualty Company — 20443 INSURER D : INSURER E : INSURER F :

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS		
B	GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO-JECT LOC	X		1063177197	12/08/2014	12/08/2015	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ $ $ $ $ $	1,000,000 100,000 5,000 1,000,000 2,000,000 2,000,000
B	AUTOMOBILE LIABILITY X ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS	X		1063177202	12/08/2014	12/08/2015	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (PER ACCIDENT)	$ $ $ $	1,000,000
A	X UMBRELLA LIAB X OCCUR EXCESS LIAB CLAIMS-MADE DED RETENTION $	X		1062449393	12/08/2014	12/08/2015	EACH OCCURRENCE AGGREGATE	$ $	5,000,000 5,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		1063177216	12/08/2014	12/08/2015	X WC STATU-TORY LIMITS OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ $ $	1,000,000 1,000,000 1,000,000
C	Professional Liab			AEH008212765	10/01/2014	10/01/2015	Per Claim Aggregate		2,000,000 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

RE: Work Authorization Number AMA-Rehab '15 & '16 SS-1
G140331D 0113: G15115-A 1089: SCA23500D 1011: G-300660A 0608: G15057C 0605:
G140428A 1001: GSL2231XX 1005: G20472A 1093

CERTIFICATE HOLDER **CANCELLATION**

CITJO01

City of Joplin
Public Works
602 South Main
Joplin, MO 64801

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Cristi Becker

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