#### ENGINEERING/ARCHITECTURAL SERVICES AGREEMENT

THIS AGREEMENT is made in Johnson County, Kansas, by and between the City of Overland Park, Kansas, hereinafter "City," and **Bartlett & West, Inc.** hereinafter "Consulting Engineer/Architect." City intends to construct an improvement project (hereinafter the "Project") in Overland Park, Kansas, described as follows:

#### 2011 Major Storm Sewer Repair, Part 2 – MS-1273

City hereby contracts with Consulting Engineer/Architect for the furnishing of professional engineering/architectural services in connection with the Project, for the furnishing of such engineering/architectural services more particularly described herein in consideration of these premises and of the mutual covenants herein set forth. By executing this Agreement, the Consulting Engineer/Architect represents to City that Consulting Engineer/Architect is professionally qualified to do this Project and is licensed to practice engineering/architecture by all public entities having jurisdiction over Consulting Engineer/Architect and the Project.

#### **SECTION I - DEFINITIONS**

As used in this Agreement, the following terms shall have the meanings ascribed herein unless otherwise stated or reasonably required by the Agreement, and other forms of any defined words shall have a meaning parallel thereto.

"<u>City</u>" means the City of Overland Park, Kansas.

"<u>Consulting Engineer/Architect</u>" means the company or individual identified on pg. 1. Consulting Engineer/Architect shall employ for the services rendered, engineers, architects, landscape architects, and surveyors licensed by the Kansas State Board of Technical Professions.

<u>"Construction Cost</u>" means and includes the cost of the entire construction of the Project, including all supervision, materials, supplies, labor, tools, equipment, transportation and/or other facilities furnished, used or consumed, without deduction on account of penalties, liquidated damages or other amounts withheld from payment to the contractor or contractors, but such cost shall not include the Consulting Engineer/Architect's fee, or other payments to the Consulting Engineer/Architect and shall not include cost of land or rights-of-way and easement acquisition.

<u>"Contract Documents</u>" means those documents so identified in the Agreement for Construction for this Project, including all Engineering/Architectural Documents. All terms defined in the General Conditions shall have the same meaning when used in this Agreement unless otherwise specifically stated or in the case of a conflict in which case the definition used in this Agreement shall prevail in the interpretation of this Agreement.

<u>"Engineering/Architectural Documents</u>" means all documents required or reasonably implied by the nature of the Project, including, but not limited to, plans, specifications, drawings, tracings, designs, calculations, sketches, models and reports.

<u>"Engineering/Architectural Services</u>" means the professional services, labor, materials, supplies, testing, surveying, title work, inspection, if applicable, and all other acts, duties, and services required of Consulting Engineer/Architect under this Agreement together with such other services as City may require pursuant to the terms of this Agreement.

<u>"Project</u>" is as above described.

<u>"Project Manager</u>" means the person employed by City and designated to act as the City's representative for the Project.

<u>"Right-of-Way" and "Easements</u>" means and includes street, highway, or road right-of-way and any other land dedicated to or otherwise subject to public use.

<u>"Subsurface Borings and Testing</u>" means borings, probings and subsurface explorations, laboratory tests and inspections of samples, materials and equipment; appropriate professional interpretations of all the foregoing.

<u>"Traffic Control Plan</u>" means a specific plan that includes but is not limited to signing; application and removal of pavement markings; construction sequencing and scheduling; methods and devices for delineation and channelization; placement and maintenance of devices; traffic regulation; and inspection.

# **SECTION II - COMPENSATION**

1. <u>Total Fee</u>: City agrees to pay Consulting Engineer/Architect an amount not to exceed <u>one</u> <u>hundred thirty-nine thousand six hundred fifty-two dollars</u> (\$139,652), including reimbursables. The fee is based on the performance of the scope of services outlined in this Agreement, and shall be billed using hourly rates and equipment charges as set forth in Exhibit B attached herewith, plus direct expenses. All work shall be completed on or before <u>July 15, 2011</u>. Payment to Consulting Engineer/Architect shall not exceed the following percentages in each phase of the Project without prior written consent of City:

Preliminary Design Phase	<u>\$87,314.00</u>
Final Design Phase	<u>\$39,336.00</u>
Bidding Phase	<u>\$5,865.00</u>
Construction Phase	<u>\$7,137.00</u>
TOTAL	<u>\$139,652.00</u>

- 2. <u>Reimbursable Expenses</u>: The Consulting Engineer/Architect shall be reimbursed at the actual cost, not to exceed a total expense of <u>\$14,179.00</u> for the following expenses: (a) expense of transportation in connection with the Project; (b) expenses in connection with authorized out-of-town travel; (c) long-distance communications; (d) expenses of printing and reproductions; (e) postage and facsimile transmissions; (f) expenses of renderings and models requested by City, and (g) other costs as authorized by City.
- 3. <u>Additional Services</u>: Consulting Engineer/Architect shall provide, with City's concurrence,

services in addition to those listed in Section III when such services are requested or authorized in writing by City. Prior to commencing any additional services, Consulting Engineer/Architect must submit a proposal outlining the additional services to be provided, estimation of total hours, completion date, and a maximum fee based upon the hourly rate schedule attached hereto as Exhibit B. Such services may include, but are not limited to, making computations and determinations of special assessments, making special trips requested by City other than those required by Section III, preparing changes in plans ordered by City or made necessary by causes beyond the control of Consulting Engineer/Architect, providing services necessitated in the event the Engineering/Architectural Services shall be suspended or abandoned, if such suspension or abandonment is not the result of a breach of this Agreement by the Consulting Engineer/Architect, and providing any other special services not otherwise covered by this Agreement which may be requested by City. Payment to Consulting Engineer/Architect, as compensation for these services, shall be in accordance with the hourly rate schedule attached as Exhibit B. Reimbursable expenses incurred in conjunction with additional services shall be paid separately and those reimbursable expenses shall be paid at actual cost. Records of reimbursable expenses and expenses pertaining to additional services shall be made available to City, if so requested.

- 4. <u>Special Services</u>: Consulting Engineer/Architect may be called on to serve as a consultant or witness in any litigation, arbitration, legal or administrative proceeding arising out of this Project. Consulting Engineer/Architect shall not be paid extra by City if its appearance is to defend its professional Engineering/Architectural Services. Consulting Engineer/Architect shall not be paid extra by City to appear at eminent domain or appraiser's hearings necessary to acquire easements and right-of-way for the Project. If Consulting Engineer/Architect is requested, in writing, by City, to appear as a general witness, it will be paid its hourly fee as reflected on the hourly rate schedule attached hereto as Exhibit B.
- 5. <u>Billing:</u> Consulting Engineer/Architect shall bill City monthly for all completed services and reimbursable expenses. The bill submitted by Consulting Engineer/Architect shall itemize the services and reimbursable expenses for which payment is requested. City agrees to pay Consulting Engineer/Architect within thirty (30) days of approval by the Governing Body.
- 6. <u>City's Right to Withhold Payment</u>: In the event City becomes credibly informed that any representations of Consulting Engineer/Architect provided in its monthly billing, are wholly or partially inaccurate, City may withhold payment of sums then or in the future otherwise due to Consulting Engineer/Architect until the inaccuracy and the cause thereof, is corrected to City's reasonable satisfaction. In the event City questions some element of an invoice, that fact shall be made known to Consulting Engineer/Architect immediately. Consulting

Engineer/Architect will help effect resolution and transmit a revised invoice, if necessary. Amounts not questioned by City shall be paid to Consulting Engineer/Architect in accordance with the contract payment procedures.

- 7. <u>Progress Reports</u>: A progress report must be submitted with each monthly pay request indicating the percentage of design tasks completed to date. This report will serve as support for payment to Consulting Engineer/Architect.
- 8. <u>Change in Scope</u>: For substantial modifications in authorized Project scope, and/or substantial modifications of drawings and/or specifications previously accepted by City, when requested by City and through no fault of Consulting Engineer/Architect, the Consulting Engineer/Architect shall be compensated for time and expense required to incorporate such modifications at Consulting Engineer/Architect's standard hourly rates per Exhibit B; provided, however, that any increase in Contract Price or Contract Time must be approved through a written Change Order. Consulting Engineer/Architect shall correct or revise any errors or deficiencies in its designs, drawings or specifications without additional compensation when due to Consulting Engineer/Architect's negligence or other actionable fault.
- 9. <u>Change Orders</u>: This Agreement may be amended to provide for additions, deletions and revisions in the Engineering/Architectural Services or to modify the terms and conditions thereof by either written amendment or by Change Order. The Contract Price and Contract Time may only be changed by a written Change Order approved by City, unless it is the result of an emergency situation in which case the Project Manager may give written approval to be followed by a written and approved Change Order. If notice of any change affecting the general scope of the Engineering/Architectural Services or provisions of this Agreement, including but not limited to, Contract Price or Contract Time, is a requirement of any insurance policy held by Consulting Engineer/Architect as a requirement of this Agreement, the giving of such notice shall be the Consulting Engineer/Architect's responsibility.

# SECTION III - RESPONSIBILITIES OF CONSULTING ENGINEER/ARCHITECT

Consulting Engineer/Architect shall furnish and perform the various professional duties and services in all phases of the Project to which this Agreement applies as herein provided and which are required for the construction of the Project which services shall include:

## A. PRELIMINARY DESIGN PHASE

- 1. <u>Services</u>: The services to be provided during this phase are set out in Exhibit A attached hereto and incorporated by reference.
- 2. <u>Preliminary Design Documents</u>: Consulting Engineer/Architect shall furnish the City six (6) copies of the above preliminary design documents, unless otherwise noted in

Exhibit A.

- 3. <u>Preliminary Cost Estimate</u>: Consulting Engineer/Architect shall furnish City an estimate of probable Construction Cost based on the preliminary design. Consulting Engineer/Architect's estimate of probable Construction Cost is to be made on the basis of Consulting Engineer/Architect's experience and qualifications and represent Consulting Engineer/Architect's best judgment as an experienced and qualified design professional, familiar with the construction industry.
- 4. <u>Budget</u>: Consulting Engineer/Architect shall advise City if, in its opinion, the amount budgeted for construction is not sufficient to adequately design and construct the improvement as requested.

# B. FINAL DESIGN PHASE

- 1. <u>Services</u>: The services to be provided during this phase are set out in Exhibit A attached hereto and incorporated by reference.
- 2. <u>Final Design Documents</u>: Consulting Engineer/Architect shall furnish City six (6) copies, unless otherwise noted in Exhibit A, of the above final design plans and shall also prepare the necessary plans and applications for permits for submission to and approval of local, county, state and federal authorities having proper jurisdiction as may be required for initiation, prosecution and construction of the Project.
- 3. <u>Contract Documents</u>: Consulting Engineer/Architect shall prepare for City, contract agreement forms, final design plans, general conditions and supplementary conditions, bid forms, invitations to bid and instructions to bidders and assist in the preparation of other related documents, unless such documents are provided by City.
- 4. <u>Final Cost Estimate</u>: Consulting Engineer/Architect shall furnish City an estimate of probable Construction Cost based on final design. This estimate is commonly known as the "Engineer/Architect's Estimate" and will be used as the basis for construction contract award.
- 5. <u>Budget</u>: Consulting Engineer/Architect shall advise City if, in its opinion, the amount budgeted for the Project is not sufficient to cover all Project costs, including but not limited to, construction, right-of-way and easement acquisition, inspection and testing.

## C. BIDDING PHASE

- 1. <u>Services</u>: The services to be provided during this phase are set out in Exhibit A attached hereto and incorporated by reference.
- 2. <u>Bids Exceeding Cost Estimate</u>: If all bids exceed Consulting Engineer/Architect's Final Cost Estimate, Consulting Engineer/Architect, at the request of City and for no

additional cost, will prepare a report for City identifying why all the bids exceed the estimate. The City has four (4) options if all bids exceed Consulting Engineer/Architect's estimate. The City may: (1) give written approval of an increase in the project cost up to a maximum of 7% of the authorized total; (2) authorize rebidding of the project; (3) terminate the Project and this Agreement; or (4) cooperate in revising the Project scope or specifications, or both, as necessary to reduce the construction cost. In the case of (4), Consulting Engineer/Architect, without additional charge to City, shall consult with City and shall revise and modify the drawings and specifications as necessary to achieve compliance with the Consulting Engineer/Architect's estimate.

## D. CONSTRUCTION PHASE

- <u>In-house Administration and Inspection</u>: It is understood that City will provide inhouse administration and inspection of the construction Agreement; however, Consulting Engineer/Architect shall consult with and advise City, when requested.
- 2. <u>Services</u>: The services provided during this phase are set out in Exhibit A attached hereto and incorporated herein.
- 3. <u>Additional Drawings</u>: If during construction, situations arise which require additional drawings or details, Consulting Engineer/Architect agrees to provide such additional drawings or details at no cost to City when the additional drawings or details are required to correct Consulting Engineer/Architect's errors or omissions or clarify Consulting Engineer/Architect's intent in the original design and preparation of construction drawings. If such situations occur through no fault of Consulting Engineer/Architect, or are beyond his/her control, both parties agree to negotiate an equitable payment to Consulting Engineer/Architect for his/her services rendered, which shall be accomplished through a Change Order.
- 4. <u>Staking</u>: Unless otherwise provided, staking shall be included in the bid specifications to be performed by the construction contractor.
- 5. <u>Notice of Defects</u>: If, based on Consulting Engineer/Architect's involvement during the construction phase, Consulting Engineer/Architect observes or otherwise becomes aware of any defect in the work, he shall give prompt written notice to City of such defects and their approximate location on the Project. However, Consulting Engineer/Architect shall not have control over or charge of and shall not be responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions, inspections and programs in connection with the work, since these are solely the Contractor's responsibility under the contract for construction. Consulting Engineer/Architect shall not be responsible for the

Contractor's schedules or failure to carry out the work in accordance with the Contract Documents. Consulting Engineer/Architect shall not have control over or charge of acts or omissions of the Contractor, Contractor's subcontractors, or their agents or employees.

- 6. <u>Shop Drawings</u>: Consulting Engineer/Architect shall review and take appropriate action on Contractor's shop drawings and samples, and the results of tests and inspections and other data which each contractor is required to submit for the purposes of checking for compliance with the design concept and conformance with the requirements of the Contract Documents. Such review shall not extend to means, methods, sequences, techniques or procedures of construction, or to safety precautions and programs incident thereto, unless an obvious deficiency exists wherein Consulting Engineer/Architect will advise City of such defect or deficiency so the same can be prevented.
- 7. <u>As Constructed Plans</u>: The Consulting Engineer/Architect shall prepare final plan drawings which reflect change orders, minor design changes and which include changes made in the field and which are marked on the construction plan set. Because some of the data contained on the "As Constructed Plans" may be based on unverified information provided by others, the Consulting Engineer/Architect does not warrant the accuracy of information provided by others.

# E. GENERAL DUTIES AND RESPONSIBILITIES

- <u>Responsibilities under the General Conditions of the Contract for Construction</u>: In addition to the responsibilities herein set forth, Consulting Engineer/Architect agrees to be responsible for those matters identified in the General Conditions as being responsibilities of the Consulting Engineer/Architect. Consulting Engineer/Architect specifically acknowledges receipt of a copy of the General Conditions and acceptance of the responsibilities as set forth therein.
- 2. <u>Personnel</u>: Consulting Engineer/Architect shall assign only qualified personnel to perform any service concerning the Project. At the time of execution of this Agreement, the parties anticipate that the following individual will perform as the principal on this Project: <u>Joseph G. Caldwell, P.E</u>. As principal on this Project, this person shall be the primary contact with the City's Project Manager and shall have authority to bind Consulting Engineer/Architect. So long as the individual named above remains actively employed or retained by Consulting Engineer/Architect, he/she shall perform the function of principal on this Project.
- 3. <u>Subsurface Borings & Material Testing</u>: If tests, additional to those provided for in Exhibit A, are required for design, Consulting Engineer/Architect shall prepare

specifications for the taking of the additional borings. Such subsurface borings and testing, as defined herein, shall be provided by Consulting Engineer/Architect or its subcontractors and compensated as an Additional Service.

- 4. <u>Service By and Payment to Others</u>: Any work authorized in writing by City and performed by anyone other than Consulting Engineer/Architect or its subcontractors in connection with the proposed Project shall be contracted for and paid for by City directly to the third party or parties. In addition to payments for professional services, this may also include necessary permits, licenses, ownership certifications, materials testing, advertising costs, and other special tests or other work required or requested by City or Consulting Engineer/Architect. Fees for such extra work shall be subject to negotiation between City and the third party. Fees shall be approved prior to the execution of any extra work. Although Consulting Engineer/Architect may assist City in procuring such services of third parties, Consulting Engineer/Architect shall in no way be liable to either City or such third parties in any manner whatsoever for such services or for payment thereof.
- 5. <u>Subcontracting of Service</u>: Consulting Engineer/Architect shall not subcontract or assign any of the Engineering/Architectural Services to be performed under this Agreement without first obtaining the written approval of City regarding the Engineering/Architectural Services to be subcontracted or assigned and the consulting firm or person proposed to accomplish the subcontracted/assigned portion of the Project. Unless otherwise stated in the written consent to an assignment, no assignment will release or discharge the assignor from any obligation under this Agreement. Any person or firm proposed for subcontracting Engineering/Architectural Services under this Agreement shall maintain throughout the duration of the Agreement, insurance as provided in Section V. D. (8) herein, and shall additionally maintain Professional Liability insurance in a minimum amount of \$1,000,000 and provide the City with certification thereof.
- 6. <u>Endorsement</u>: Consulting Engineer/Architect shall sign and seal all final plans, specifications, estimates and engineering data furnished by him/her. Any review or approval by City of any documents prepared by the Consulting Engineer/Architect, including but not limited to the plans and specifications, shall be solely for the purpose of determining whether such documents are consistent with City's construction program and intent and shall not be construed as approval of same by City. No review of such documents shall relieve Consulting Engineer/Architect of its responsibility for the accuracy, adequacy, fitness, suitability and coordination of its

work product.

7. <u>Inspection of Documents</u>: Consulting Engineer/Architect shall maintain all Project records for inspection by City during the contract period and for three (3) years from the date of final payment.

# SECTION IV - CITY OF OVERLAND PARK'S RESPONSIBILITIES

- 1. <u>Communication</u>: City shall provide to Consulting Engineer/Architect information and criteria regarding City's requirements for the Project; examine and timely respond to Consulting Engineer/Architect's submissions; and give written notice to Consulting Engineer/Architect, who shall respond promptly, whenever City observes or otherwise becomes aware of any defect in the Engineering/Architectural Services.
- 2. <u>Access</u>: City will provide access for Consulting Engineer/Architect to enter public and private property.
- 3. <u>Duties</u>: City shall furnish and perform the various duties and services in all phases of the Project which are outlined and designated in Exhibit A as City's responsibility.
- 4. <u>Program and Budget</u>: City shall provide full information, including a program which shall set forth City's objectives, schedule, constraints, budget with reasonable contingencies, and other necessary design criteria.
- 5. <u>Legal, Insurance, Audit</u>: City shall furnish all legal, accounting and insurance counseling services as may be necessary at any time for the Project. City shall furnish all bond forms required for the Project.
- 6. <u>Project Representative</u>: City shall designate a Project Manager to represent City in coordinating this Project with Consulting Engineer/Architect, with authority to transmit instructions and define policies and decisions of City.

# **SECTION V - GENERAL PROVISIONS**

# A. TERMINATION

1. <u>Notice</u>: City reserves the right to terminate this Agreement in whole or in part either for cause or for its convenience and without cause or default on the part of Consulting Engineer/Architect, by providing ten (10) days' written notice of such termination to Consulting Engineer/Architect. Upon receipt of such notice from City, Consulting Engineer/Architect shall, at City's option as contained in the notice: (1) immediately cease all Engineering/Architectural Services; or (2) meet with City and, subject to City's approval, determine what Engineering/Architectural Services shall be required of Consulting Engineer/Architect in order to bring the Project to a reasonable termination in accordance with the request of City. Consulting Engineer/Architect shall also provide to City copies of all drawings and documents completed or partially completed at the date of termination.

If City defaults on its obligation under this Agreement, Consulting Engineer/Architect is entitled to terminate this Agreement by providing ten (10) days' written notice.

- 2. <u>Termination for Cause</u>: If this Agreement is terminated for cause, after notice to Consulting Engineer/Architect, City may take over the Engineering/Architectural Services and prosecute same to completion, by contract or otherwise, for the amount and at the expense of the Consulting Engineer/Architect, and the Consulting Engineer/Architect shall be liable to the City for any and all excess cost sustained by the City by reason of such prosecution and completion. When Consulting Engineer/Architect's services have been so terminated, such termination shall not affect any rights or remedies of the City against Consulting Engineer/Architect then existing or which may later accrue. Similarly, any retention or payment of monies due Consulting Engineer/Architect shall not release Consulting Engineer/Architect from liability.
- 3. <u>Compensation for Convenience Termination</u>: If City shall terminate for its convenience as herein provided, City shall compensate Consulting Engineer/Architect for all Engineering/Architectural Services satisfactorily completed to date of its receipt of the termination notice and any additional Engineering/Architectural Services requested by City to bring the Project to reasonable termination. Compensation shall not include anticipatory profit or consequential damages, neither of which will be allowed.
- 4. <u>Compensation for Cause Termination</u>: If City shall terminate for cause or default on the part of Consulting Engineer/Architect, City shall compensate Consulting Engineer/Architect for the reasonable cost of Engineering/Architectural Services satisfactorily completed to date of its receipt of the termination notice. Compensation shall not include anticipatory profit or consequential damages, neither of which will be allowed. City also retains all its rights and remedies against Consulting Engineer/Architect including but not limited to its rights to sue for damages, interest and attorney fees.
- 5. <u>Incomplete Documents</u>: Neither Consulting Engineer/Architect, nor its subcontractors shall be responsible for errors or omissions in documents which are incomplete as a result of an early termination under this Section; Consulting Engineer/Architect having been deprived of the opportunity to complete such documents and certify them as ready for construction.

#### B. DISPUTE RESOLUTION

City and Consulting Engineer/Architect agree that disputes relative to the Project should first be addressed by negotiations between the parties. If direct negotiations fail to resolve the dispute, the party initiating the claim that is the basis for the dispute shall be free to take such steps as it deems necessary to protect its interests; provided, however, that notwithstanding any such dispute, Consulting Engineer/Architect shall proceed with the Engineering/Architectural Services as per this Agreement as if no dispute existed, and the City shall continue to make payment for Consulting Engineer's/Architect's completed Services; and provided further that no dispute will be submitted to arbitration without both parties' express written consent.

## C. OWNERSHIP OF ENGINEERING/ARCHITECTURAL DOCUMENTS

All engineering/architectural documents prepared in connection with this Project shall be the property of the Consulting Engineer/Architect, whether the Project for which they are made is executed or not, however, the Consulting Engineer/Architect will provide City a copy of all final documents, including but not limited to prints and reproductions. Reports, plans, specifications and related documents are Consulting Engineer/Architect's copyrighted instruments, and Consulting Engineer/Architect at his/her option may so identify them by appropriate markings. Provided that Consulting Engineer/Architect is paid in full for its services, then City may subsequently reuse these final documents without any additional compensation or agreement of Consulting Engineer/Architect for the specific purpose intended by City shall be at City's sole risk and without liability or legal exposure to Consulting Engineer/Architect whatsoever. City does not take any responsibility for the reuse of documents by others.

## D. INSURANCE

## 1. <u>General</u>

The Consulting Engineer/Architect shall maintain, throughout the duration of this Contract, insurance (on an occurrence basis unless otherwise agreed to) of such types and in at least such amounts as required herein. Professional Liability may be written on a "claims made" basis. Consulting Engineer/Architect shall provide certificates of insurance and renewals thereof on forms provided by the City or on forms acceptable to the City. The City shall be notified by receipt of written notice from the insurer or the Consulting Engineer/Architect at least thirty (30) days prior to material modification or cancellation of any policy listed on the Certificate.

2. Notice of Claim Reduction of Policy Limits

The Consulting Engineer/Architect, upon receipt of notice of any claim in connection with the Contract, shall promptly notify the City, providing full details thereof, including an estimate of the amount of loss or liability.

The Consulting Engineer/Architect shall monitor and promptly notify the City of any reduction in limits of protection afforded under any policy listed in the Certificate (or otherwise required by the contract) if the Consulting Engineer/Architect's limits of protection shall have been impaired or reduced to such extent that the limits fall below the minimum amounts required herein. The Consulting Engineer/Architect shall promptly reinstate the original limits of liability required hereunder and shall furnish evidence thereof to the City.

#### 3. <u>General Liability</u>

Limits -

General Aggregate:	\$ 500,000
Products / Completed Operations:	\$ 500,000
Personal & Advertising Injury:	\$ 500,000
Each Occurrence:	\$ 500,000

Policy <u>MUST</u> include the following conditions:

- a. Commercial General Form
- b. Explosion, Collapse & Underground
- c. Broad Form Contractual / Contractually Assumed Liability
- d. Independent Contractors
- e. Broad Form Property Damage
- f. Pollution Liability (Applicable <u>only</u> to contracts involving pollutants such as asbestos & lead abatement, sludge or other waste abatement, etc.)
- g. Name City of Overland Park as "Additional Insured"

#### 4. <u>Automobile Liability</u>

Policy shall protect the Consulting Engineer/Architect against claims for bodily injury and/or property damage arising out of the ownership or use of any owned, hired and/or non-owned vehicle.

Limits -

Each Accident, Combined Single Limits, Bodily Injury and Property Damage:

Same as General Liability

Policy MUST include the following condition:

## Name City of Overland Park as "Additional Insured"

5. <u>Workers' Compensation</u>

This insurance shall protect the Consulting Engineer/Architect against all claims under applicable state workers' compensation laws. The Consulting Engineer/Architect shall also be protected against claims for injury, disease or death of employees for which, for any reason, may not fall within the provisions of workers' compensation law. The policy limits shall not be less than the following:

Workers' Compensation: Statutory

Employers Liability -

Bodily Injury by Accident:	\$ 100,000 Each Accident
Bodily Injury by Disease:	\$ 500,000 Policy Limit

## Bodily Injury by Disease:

# 6. <u>Professional Liability</u>

The Consulting Engineer/Architect shall maintain throughout the duration of this Contract, Professional Liability Insurance in an amount not less than One Million Dollars (\$1,000,000.00).

# 7. Industry Ratings

The City will only accept coverage from an insurance carrier who offers proof

that it:

- a. Is licensed to do business in the State of Kansas;
- b. Carries a Best's policyholder rating of A- or better; and
- c. Carries at least a Class VIII financial rating.

OR

Is a company mutually agreed upon by the City and Consulting Engineer/Architect.

8. <u>Subcontractors' Insurance</u>

If a part of the Agreement is to be sublet, the Consulting Engineer/Architect shall either:

- a. Cover all subcontractors in its insurance policies, or
- Require each subcontractor not so covered to secure insurance which will protect subcontractor against all applicable hazards or risks of loss as and in the minimum amounts designated.

Whichever option is chosen, Consulting Engineer/Architect shall indemnify and hold harmless the City as to any and all damages, claims or losses, including attorney's fees, arising out of the acts or omissions of its subcontractors.

9. <u>Railroad Protective Liability</u>

(<u>Additional</u> requirement applicable when working on railroad property.) Named Insured: Applicable Railroad

Limits - Bodily Injury & Property Damage: Per Railroad Requirements

10. <u>Aircraft Liability</u>

(<u>Additional</u> requirement applicable for aerial photograph or contract involving <u>any</u> use of aircraft.)

- Limits- Single Limit Bodily Injury; Including Passengers; and Property Damage:
  - \$ 1,000,000 Each Occurrence

Coverage must include all Owned, Hired and Non-Owned Aircraft.

Policy <u>MUST</u> include the following condition:

Name City of Overland Park as "Additional Insured" on the hired and nonowned Aircraft Liability.

#### E. INDEMNITY

1. <u>Definition</u>: For purposes of indemnification requirements, the term "Loss" shall have the meaning set forth as follows:

"Loss" means any and all Loss, damage, liability or expense, of any nature whatsoever, whether incurred as a judgment, settlement, penalty, fine or otherwise (including attorney's fees and the cost of defense), in connection with any action, proceeding, demand or claim for injury, including death, to any person or persons or damages to or Loss of, or Loss of the use of, property of any person, firm or corporation, including the parties hereto, which arise out of or are connected with, or are claimed to arise out of or be connected with, the performance of this Agreement whether arising before or after the completion of the Engineering/Architectural Services required hereunder.

2. Indemnity: For purposes of this Agreement, Consulting Engineer/Architect hereby agrees to indemnify, defend and hold harmless the City, its employees and agents from any and all Loss where Loss is caused or incurred or alleged to be caused or incurred in whole or in part as a result of the negligence or other actionable fault of the Consulting Engineer/Architect, its affiliates, subsidiaries, employees, agents and subcontractors/assignees and their respective servants, agents and employees.

It is agreed as a specific element of consideration of this Agreement that this indemnity shall apply notwithstanding the joint, concurring or contributory or comparative fault or negligence of the City or any third party and, further notwithstanding any theory of law including, but not limited to, a characterization of the City's or any third party's joint, concurring or contributory or comparative fault or negligence as either passive or active in nature; provided, however, that the Consulting Engineer/Architect's obligation hereunder shall not include amounts attributable to the fault or negligence of the City or any third party for whom the Consulting Engineer/Architect is not responsible.

In the case of any claims against the City, its employees or agents indemnified under this Agreement, by an employee of the Consulting Engineer/Architect, its affiliates, subsidiaries, or subcontractor/assignees, the indemnification obligation contained in this Agreement shall not be limited by any limitation on amount or type of damages, compensation or benefits payable by or for the Consulting Engineer/Architect, its affiliates, subsidiaries, or subcontractor/assignees, under workers' compensation acts, disability benefit acts, or other employee benefit acts.

# F. AFFIRMATIVE ACTION/OTHER LAWS

- 1. During the performance of this Agreement, the Consulting Engineer/Architect agrees that:
  - a. Consulting Engineer/Architect shall observe the provisions of the Kansas Act Against Discrimination (K.S.A. 44-1001 et seq.) and shall not discriminate against any person in the performance of work under the present contract because of race, religion, color, sex, disability, national origin, ancestry or age;
  - in all solicitations or advertisements for employees, the Consulting Engineer/Architect shall include the phrase, "equal opportunity employer," or a similar phrase to be approved by the Kansas Human Rights Commission ("Commission");
  - c. if the Consulting Engineer/Architect fails to comply with the manner in which the Consulting Engineer/Architect reports to the commission in accordance with the provisions of K.S.A. 44-1031 and amendments thereto, the Consulting Engineer/Architect shall be deemed to have breached the present contract and it may be canceled, terminated or suspended, in whole or in part, by the City;
  - d. if the Consulting Engineer/Architect is found guilty of a violation of the Kansas Act Against Discrimination under a decision or order of the commission which has become final, the Consulting Engineer/Architect shall be deemed to have breached the present contract and it may be canceled, terminated or suspended, in whole or in part, by the City; and
  - e. the Consulting Engineer/Architect shall include the provisions of subsections
    (a) through (d) in every subcontract or purchase order so that such provisions will be binding upon such subcontractor or vendor.

The provisions of this section shall not apply to a contract entered into by a Consulting Engineer/Architect:

- who employs fewer than four employees during the term of such contract; or
- whose contracts with the City cumulatively total \$5,000 or less during the fiscal year of the City.
- 2. The Consulting Engineer/Architect further agrees that the Consulting Engineer/Architect shall abide by the Kansas Age Discrimination In Employment Act (K.S.A. 44-1111 et seq.) and the applicable provision of the Americans With Disabilities Act (42 U.S.C. 12101 et seq.) as well as all other federal, state and local

laws, ordinances and regulations applicable to this project and to furnish any certification required by any federal, state or local governmental agency in connection therewith.

## G. ENTIRE AGREEMENT

This Agreement constitutes the entire agreement between the parties and supersedes all prior agreements, whether oral or written, covering the same subject matter. This Agreement may not be modified or amended except in writing mutually agreed to and accepted by both parties to this Agreement.

## H. APPLICABLE LAW

This Agreement is entered into under and pursuant to, and is to be construed and enforceable in accordance with, the laws of the State of Kansas.

## I. ASSIGNMENT OF AGREEMENT

This Agreement shall not be assigned or transferred by Consulting Engineer/Architect without the written consent of the City.

## J. NO THIRD PARTY BENEFICIARIES

Nothing contained herein shall create a contractual relationship with, or any rights in favor of, any third party.

## K. INDEPENDENT CONTRACTOR

The Consulting Engineer/Architect is an independent contractor and as such is not an agent or employee of the City.

## L. WORK PRODUCT FORMAT

- Project drawings which are developed by Consulting 1. Project Drawings: Engineer/Architect through the use of a Computer Aided Drafting (CAD) System shall be made available to City by providing a Microsoft compatible compact disc. However, due to the potential that the information set forth on the electronic media (disk) can be modified by City, or City consultants, unintentionally or otherwise, Consulting Engineer/Architect shall remove all indices of its ownership, professional corporation name, seal, and/or involvement from each electronic display. For documentation purposes, two sets of an original electronic media (disk) and two (11" x 17" size or larger) duplicate hard copy sets will be prepared. One set will be given to City and one set will be retained by Consulting Engineer/Architect. If City provides such electronic media (disk) to others for any purpose, City shall require the electronic media (disk) to be returned to City upon completion of such use. City recognizes that use of such electronic media (disk) will be at City's sole risk and without any liability risk or legal exposure by Consulting Engineer/Architect.
- 2. <u>Project Documentation</u>: All documentation provided to the City other than project

drawings shall be furnished on a Microsoft compatible compact disc.

3. <u>"Record" Drawings</u>: Following construction, City will provide copies of changes and alterations made in the field during construction to Consulting Engineer/Architect to provide "record" drawings, unless Consulting Engineer/Architect has provided a floppy disk to City on which City can make changes. Consulting Engineer/Architect has the right to rely on the information provided by the City in preparing such documents, and shall have no independent duty to verify its accuracy.

## M. FEDERAL LOBBYING ACTIVITIES

# (Only applies to projects receiving federal funds via the City)

31 USCA Section 1352 requires all subgrantees, contractors, subcontractors and consultants who receive federal funds via City to certify that they will not use federal funds to pay any person for influencing or attempting to influence a federal agency or Congress in connection with the award of any federal contract, grant, loan or cooperative agreements. In addition, contract applicants, recipients and subrecipients must file a form disclosing any expenditures they make for lobbying out of non-federal funds during the contract period.

Necessary forms are available from the City's Project Manager and should be returned to City with other final contract documents. It is the responsibility of Consulting Engineer/Architect to obtain executed forms from any of its subcontractors who fall within the provision of the Code and to provide City with the same.

# N. COVENANT AGAINST CONTINGENT FEES

Consulting Engineer/Architect warrants that he/she has not employed or retained any company or person, other than a bona fide employee working for Consulting Engineer/Architect, to solicit or secure this Agreement, and that he/she has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gifts, or any other consideration contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, City may terminate this Agreement without liability or may, in its discretion, deduct from the Contract Price or otherwise recover the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

# O. COMPLIANCE WITH LAWS

Consulting Engineer/Architect shall abide by all applicable federal, state and local laws, ordinances and regulations applicable to the Engineering/Architectural Services or the Project at the time Services are rendered. Consulting Engineer/Architect shall secure all occupational and professional licenses and permits from public and private sources necessary for the fulfillment of his/her obligations under this Agreement.

# P. TITLES, SUBHEADS AND CAPITALIZATION

Title and subheadings as used herein are provided only as a matter of convenience and

shall have no legal bearing on the interpretation of any provision of this Agreement. Some terms are capitalized throughout this Agreement but the use of or failure to use capitals shall have no legal bearing on the interpretation of such terms.

## Q. SEVERABILITY CLAUSE

Should any provision of this Agreement be determined to be void, invalid, unenforceable or illegal for whatever reason, such provision(s) shall be null and void; provided, however, that the remaining provisions of this Agreement shall be unaffected thereby and shall continue to be valid and enforceable.

## R. EXECUTION OF CONTRACT

The parties hereto have caused this Agreement to be executed in triplicate this \_\_\_\_\_ day of \_\_\_\_\_\_ 2010.

BARTLETT & WEST, INC.

By:

oseph G. Caldwell, P.E.

Vice President

CITY OF OVERLAND PARK, KANSAS

ATTEST:

Carl Gerlach, Mayor

Marian Cook City Clerk

APPROVED AS TO FORM:

Tammy M. Owens Senior Assistant City Attorney



November 8, 2010

Tony Rome, P.E. Public Works City of Overland Park 8500 Santa Fe Drive Overland Park, KS 66212

Re: Contract Authority

Dear Mr. Rome:

This letter is to confirm that Joe Caldwell, as a vice president of Bartlett & West, has authority to bind the company and sign contracts.

Sincerely,

Keith A. Warta, President

cc: Joe Caldwell

1200 SW EXECUTIVE DRIVE ■TOPEKA KS 66615-3850 785.272.2252 ■ FAX 785.272.6904 ■ 888.200.6464 WWW.BARTWEST.COM

#### Exhibit A Basic Services and Other Matters

Scope of project: This project includes design, plans, and specifications to be used for **rehabilitation of the existing underground stormwater sewer system** located at the four sites identified in the attached exhibits.

The Consulting Engineer shall furnish and perform the various professional duties and services required for the construction of the Project in accordance with all tasks listed in the current City of Overland Park Project Procedures Manual.

#### General Design Requirements

Plan development stages shall be completed as identified within this document, under "Completion Time", exclusive of delays beyond the consultant's control. The consultant shall submit to the City progress reports at monthly or at mutually agreed intervals in conformity with the official project schedule.

The Design plans shall be signed and sealed by the licensed professional engineer responsible for the preparation of the design plans. Rights of way descriptions shall be signed and sealed by the licensed land surveyor responsible for the preparation of the rights of way descriptions.

#### **General Survey Requirements:**

#### Vertical Control:

Elevations for plans must be obtained from a benchmark on the Johnson County Vertical Control Network. Show the datum benchmark and elevation of the datum benchmark on the plans.

#### **Horizontal Control:**

Section Corner and quarter section corner locations must be referenced to the Johnson County Horizontal Control Network. As part of the design survey all Section Corners and Quarter Section Corners within the project area and others used for project control must be located, reference and state plane coordinates determined with GPS equipment. The coordinates and referenced ties shall be shown on the plans and the standard corner reference report submitted to the Kansas State Historical Society, the County Engineer, and cities project engineer within 30 days of the survey as required by state law. If a Johnson County Horizontal Control marker may be damaged by construction the County public works department should be notified prior to the bid letting.

#### Plan Notes - Johnson County Control Bench Marks:

Any Johnson County Benchmarks, Johnson County Horizontal Control monuments and any Section Corner and Quarter Section Corners within the area surveyed for the project must be conspicuously indicated on the plans. All bench marks and section and quarter section corners and property pins within the construction limits shall include a note for the re-establishment of the monuments.

# Task I. Preliminary Design

- **1.01** Data Collection.
  - A. Attend pre-design meeting.
  - B. Develop design criteria for the project; prepare design memorandum.
  - C. Develop detailed design schedule in a form compatible with MS Project 4.0 or later. Submit copy to City, and provide digital updates at scheduled progress meetings. Include at least the following benchmarks:
    - 1. Survey complete.
    - 2. Data collection complete.
    - 3. Preliminary plans complete.
    - 4. Preliminary plans to all utilities.
    - 5. Field check complete.
    - 6. Legal descriptions to City.
    - 7. First neighborhood meeting.
    - 8. All other agency permit applications submitted.
    - 9. Final plans submitted for review.
    - 10. Project ready for bid.
  - D. Schedule and coordinate project activities with the City (where applicable).
  - E. Field data collection:
    - 1. Establish land corners.
    - 2. Field surveys.
    - 3. Contact utilities and field locate all utilities.
    - 4. Low opening elevation of adjacent existing structures.
    - 5. Contact homes associations property owners, field locate all irrigation systems.
    - 6. Prepare a base map at a scale of 1" = 20'.
  - F. Send the basemap to the Utility Companies to confirm topographical locations.
  - G. Ownership and abutting property information:
    - 1. Secure plats (City will provide the plats in the project areas)
    - 2. Obtain ownership information. The Consulting Engineer shall contract with a City approved title company for ownership information investigations. The costs associated with ownership information investigations shall be paid by the Consulting Engineer to the title company. This cost shall be included in the total fee outlined Section II compensation as in of the Engineering/Architectural Services Agreement.
    - 3. Collect record drawings on abutting projects and subdivisions. City

will provide these drawings.

- H. The Consulting Engineer shall contract with a City approved geotechnical firm for sub-surface investigations and foundation recommendations. The costs associated with the work, including field staking boring locations and elevations, shall be paid by the Consulting Engineer to the geotechnical firm. This cost shall be included in the total compensation fee as outlined in Section II of the Engineering/Architectural Services Agreement. (For this project, a geotechnical firm will not be included as a part of the initial scope. If a geotechnical firm is determined as necessary after the initial agreement is executed, an addendum will be required for these services.)
- I. Analyze the storm drainage needs along the project. City to provide asbuilt plans, design plans, drainage studies, etc. to provide flow and pipe information (EGL, HGL, material, size, slope, etc.) upstream/downstream of the proposed system replacement locations.
  - 1. Determine watershed areas for the existing inlets and pipes that are to be replaced as a part of this project.
  - 2. Determine ultimate development 10-year and 100-year stormwater flows entering the portions of the stormwater drainage system to be replaced as a part of this project.
  - 3. Construct a Hydraflow model for the portion of the underground systems to be replaced. A tailwater depth for the 10-year storm event will be assumed at 6" below the throat opening of the most downstream structure where the system will be replaced, which conforms with APWA Section 5600 design standards.
- **1.02** Use the base map prepared at a scale of **1**" = **20**' showing both contours at **2 foot** intervals and property lines.
  - A. Develop preliminary plans:
    - 1. Cover sheet.
    - 2. Typical sections (as applicable).
    - 3. Drainage design
      - a. Drainage area maps.
      - b. Pavement spread calculations.
      - c. Inlet and other structure design calculations.
      - d. Hydraulic & Energy Grade Line calculations.
      - e. Overflow swale capacity calculations. (Intention is to calculate impacts to existing ground sections and not create new swales that contain the overflow within a defined easement.)
    - 6. Plan and Profile sheets
      - a. Plan scale = **1**" = **20**'
      - b. Profile scale H = 1" = 20'; V = 1" = 5'
    - 7. Preliminary traffic control for construction plan sheets. (Not required for this project. A general note will be added requiring the contractor to submit temporary traffic control plans for approval prior

to beginning work. There are no significant closures or detours required as a part of this project.)

- 8. Preliminary pavement marking and signing. (None required for this project.)
- 9. Property lines and owner information.
- 15. Cross sections every 20 feet for overflow swales (as necessary)
- 16. General Notes/Recap of Quantities.
- 17. Survey reference information.
- 18. Miscellaneous Details.
- 19. Quality Assurance Review.
- **1.03** Submit preliminary plans to the City
- **1.04** Submit preliminary plans to utility companies for their use in preparing for relocations.
- **1.05** Develop preliminary opinion of probable project costs itemized by unit of work, including right-of-way and contingency.
- **1.06** Submit 5 copies of preliminary plans and opinion of probable cost to City for review.
  - A. Plan sets will be provided in:
    - 1. 1 copy of plans in Full Size (22" x 34")
    - 2. 4 copies of plans in Half size (11" x 17")
- **1.07** Communicate with City not less than bi-weekly as necessary in connection with such preliminary work.
- **1.08** Field Check to be performed with representatives of the Consulting Engineer and the City at the project site with appropriate detailed plans.
- **1.09** Right-of-way and easements.
  - A. Describe right-of-way and easements necessary to complete project.
    - 1. Furnish legal descriptions sealed by an RLS licensed in the state of Kansas. Legal descriptions are also to be provided in a digital format compatible with Microsoft Word 7.0.
    - 2. Furnish necessary title information.
    - 3. Maps and sketches as follows:
      - a. Plan and profile pages showing all proposed takings.
      - b. Individual drawings of takings for each ownership including:
        - (1) Title block.
        - (2) Ownership boundaries.
        - (3) Existing rights-of-ways and easements.
        - (4) Proposed takings identified with text and graphically.
        - (5) Legend for taking type.
        - (6) Graphical scale and north arrow.
        - (7) Ownership information.

- (8) Legal description of all takings.
- B. The Consulting Engineer shall stake in the field the location of rights-ofway and/or easements prior to acquisition and construction as requested by the City, and shall meet with appraisers to identify easement and rightof-way locations.
- **1.10** Public Information:
  - A. Attend three neighborhood meetings to explain the project to residents of the project area, and to receive public comments at a time and place arranged for by the City. The City will send out notifications, prepare agenda, and prepare minutes.
    - 1. Prepare exhibits, including preliminary plans (showing right-of-way taking and easements).
    - 2. Have persons available to explain the proposed work and to answer questions.
  - B. The Consulting Engineer will be available to meet with City staff and concerned property owners as directed by the City to discuss the project at any time throughout the project.
- **1.11** Permitting.
  - A. Prepare the necessary plans and applications for permit submission to and approval of:
    - 1. Adjoining City (as necessary). (Not required as a part of this project.)
    - 2. Johnson County, Kansas (Not required as a part of this project.)
    - 3. State of Kansas including but not limited to:
      - a. Division of Water Resources.
    - 4. Federal including but not limited to.
      - a. US Army Corps of Engineers 404 (Not required as a part of this project.)
      - b. NPDES.
      - c. Section 4(f) Evaluations. (Not required as a part of this project.)
      - d. FEMA Map Revisions (Not required as a part of this project.)
- **1.12** Environmental Analysis (Not required as a part of this project.)
  - A. Prepare the necessary plans and applications for submission and approval of:
    - 1. Environmental Assessment
    - 2. Environmental Impact Statement
    - 3. Wetlands Analysis

## **1.13** Utility Coordination

- A. In addition to utility locate during field survey, attend up to three (3) utility coordination meetings. City to send out notifications, prepare agenda, and prepare minutes.
- B. No excavation of utility lines are expected. If necessary, additional costs for such work will be negotiated between the City and the Consulting Engineer separately.

#### Task II. Final Design

- **2.01** Prepare detailed plans and specifications.
  - A. Cover sheet.
  - B. Typical sections (as applicable).
  - C. Drainage design
    - 1. Drainage area maps.
    - 2. Pavement spread calculations.
    - 3. Inlet and other structure design calculations.
    - 4. Hydraulic & Energy Grade Line calculations.
    - 5. Overflow swale capacity calculations. (Intention is to calculate impacts to existing ground sections and not create new swales that contain the overflow within a defined easement.)
  - D. Stormwater Plan and Profile sheets
    - 1. Plan scale = 1" = 20'
    - 2. Profile scale H = 1" = 20'; V = 1" = 5'
  - E. Existing and proposed right-of-way limits.
  - F. Property lines and owner information.
  - G. Cross sections every 20 feet for overflow swales (as necessary)
  - H. Traffic control plan and construction phasing including detour routing for each phase of the project. (Not required for this project. A general note will be added requiring the contractor to submit temporary traffic control plans for approval prior to beginning work. There are no significant closures or detours required as a part of this project.)
  - I. Irrigation (lawn sprinkler) restoration plans. (This will be covered by a general note on the plans and no formal plan sheets will be prepared.)
    - 1. Develop plan sheets and specifications showing final irrigation plans.
    - 2. Identify plant materials which will require interim (during construction) irrigation.
    - 3. Develop details and specifications for interim irrigation.
  - J. Landscape replacement schedule and subdivision marker replacement details.
  - K. Location of existing utilities and underground facilities.

- L. Stormwater Pollution Prevention Plan (SWPP), including erosion and sediment control plans. Plans shall conform to OP design checklists and requirements. SWPPP shall follow Overland Park template and conform to KDHE requirements. Provide 2 copies of SWPPP notebook to the City at time of bidding.
- X. Provide construction details as deemed necessary. (Includes 4 ADA ramp details and 6 intersection detail designs.)
- X-1. General Notes/Recap of Quantities.
- X-2. Survey reference information.
- X-3. Quality Assurance review.
- X-4. Project Manual.
  - 1. Bartlett & West will review technical specifications provided by the City.
  - 2. City provides front end documents and compiles manual.
  - 3. Bartlett & West reproduces the project manual.
- **2.02** Schedule and attend utility coordination meetings as required. (Not required as a part of this project. This item is already addressed by 1.13.)
- **2.03** Prepare a detailed opinion of probable cost.
  - A. Include an appropriate contingency.
  - B. Estimate time required to complete construction.
  - C. Provide input to the City regarding forms for:
    - 1. Proposals
    - 2. Construction contracts.
    - 3. Bonds.
- **2.04** At the completion of the project, furnish to the City the CAD drawings of the project in the Consulting Engineer's digital format and TIFF images in compressed CCITT, group 4 at 200 dpi format for the City's future use. The record contract documents for the project will be the original sealed drawings.
- **2.05** Furnish <u>5</u> copies of detailed plans and specifications.
  - A. Plan sets will be prepared in:
    - 1. 1 copy of plans in Full size (22" x 34")
    - 2. 4 copies of plans in Half size (11"x 17")
- **2.06** Communicate with City not less than bi-weekly as necessary during preparation of detailed plans.

#### Task III. Bidding

- **3.01** Prepare and provide plans and specifications to bidders at cost to recover expenses of duplication and handling.
- **3.02** Attend bid letting.
- **3.03** Prepare written addenda to the bidding documents as required and or requested.
- **3.04** Assist the City in analyzing bids and making recommendation for award of the construction contract.
- **3.05** Prepare a bid tabulation in printed and MS Excel format.

- **3.06** Attend a pre-bid conference. The City will provide notifications, prepare agenda, and prepare minutes.
- **3.07** Arrange a pre-construction conference with City representatives, the successful bidder, and utility companies. The City will provide notifications, prepare agenda, and prepare minutes.

#### Task IV. Construction Services

- **4.01** Be available for discussion and consultation during the construction phase, but construction observation will be the responsibility of the City of Overland Park.
- **4.02** Review shop drawings and be available for consultation with the City during construction.
- **4.03** Prepare plan revisions as necessitated by conditions encountered in the field during construction, with the exception of traffic control plans.
- **4.04** Prepare final record drawings which reflect:
  - A. All change orders.
  - B. Minor design changes.
  - C. Changes made in the field by City representatives and are marked on the construction plan set.
  - D. Submit updated CAD drawings and TIFF images of the revised sheets.

**Completion time**: The Consulting Engineer hereby agrees to complete preliminary plans suitable for a public information meeting including easement and right-of-way descriptions and drawings (Task I) by **March 15, 2011** and to complete all work necessary to and including preparation of final plans (Task II) by **July 15, 2011**.

	А	В	С	D		1	Q	x	Z	AF	AS	BH
1	A Date:	November 8, 2010	U.	D	F	I	Q	X	Z	AF	AS	вн
	By:	Joe Caldwell					Employ	vee Classif	ications			
3	RE:	17461.001							r	T		
4		2011 Major Storm Sewer Repair (Part 2)										
					E-VIII	E-V	ET-VI	S-VI	S-IV	ST-III	A-II	Total
5	#	Scope	Total Hrs	Total Fee	\$160/hr	\$119/hr	\$88/hr	\$108/hr	\$92/hr	\$51/hr	\$71/hr	Hours Tota
6	<u>Task I.</u>	Preliminary Design										
7		1.01. Data Collection.										
8		A. Attend pre-design meeting.	10	\$1,405		3	1					10 \$
9		B. Develop design criteria for the project; prepare design memorandum.	3	\$398		2						3
10		C. Develop detailed design schedule in a form compatible with MS Project 4.0 or later. Submit copy to City, and provide digital updates at scheduled progress meetings. Include at least the following benchmarks:	8	\$924	4						4	8
10 11		1. Survey complete.	0	\$0								0
12		2. Data collection complete.	0	\$0								0
12		3. Preliminary plans complete.	0	\$0								0
14		4. Preliminary plans to all utilities.	0	\$0								0
15		5. Field check complete.	0	\$0								0
16		6. Legal descriptions to City.	0	\$0								0
17		7. First neighborhood meeting.	0	\$0								0
18		8. All other agency permit applications submitted.	0	\$0								0
19		9. Final plans submitted for review.	0	\$0								0
20		10. Project ready for bid.	0	\$0								0
21		D. Schedule and coordinate project activities with the City (where applicable).	2	\$320	2							2
22		E. Field data collection:	284	\$21,676	2	2	40	12	114	114		284 \$2
23		1. Establish land corners.	0	\$0								0
24		2. Field surveys.	0	\$0								0
25		3. Contact utilities and field locate all utilities.	0	\$0								0
26		b. Does not include vacuum excavation to determine locations.	0	\$0								0
27		4. Low opening elevation of all existing structures.	0	\$0								0
28		5. Contact homes associations property owners, field locate all irrigation systems.	0	\$0								0
29		6. Prepare a base map at a scale of 1"=20'.										
30		F. Send out basemap to confirm existing utilities.	4	\$407	1		2				1	4
31		G. Ownership and abutting property information:	0	\$0								0
32		1. Secure plats	2	\$176			2					2
33		2. Obtain ownership information for up to 15 properties. The Consulting Engineer shall contract with a City approved title company for ownership information investigations. The costs associated with ownership information investigations shall be paid by the Consulting Engineer to the title company. This cost shall be included in the total compensation fee as outlined in Section II of the Engineering/Architectural Services Agreement.	5	\$567	2		2				1	5
34		3. City to provide record drawings on abutting projects and subdivisions.	3	\$295		1	2	1		1		3
		H. The Consulting Engineer shall not contract with a City approved geotechnical firm	0	\$0								0
		for sub-surface investigations. If a geotechnical firm is deemed necessary after the original										
35		agreement is executed, then an addendum will be required.										
		I. Analyze the storm drainage needs along the project. City to provide as-built plans,	0	\$0	)							0
		design plans, drainage studies, etc. to provide flow and pipe information (HGL, EGL, material,										
36		size, slope, etc.) upstream/downstream of the proposed system replacement locations.										
_		1. Determine watershed areas for the existing inlets and pipes to be replaced.	16	\$1,656	;	8	8					16 \$
37												
01		2. Determine ultimate development 10-year and 100-year stormwater flows	11	\$1,350	1	10						11 \$
38		entering the portions of the stormwater drainage system to be replaced.										
50	1				1	1	1	1	1	1	1	I

	BI	
al rs	Total Fee	
10	\$1,405	
3	\$398	
8	\$924	
0	\$0	
0	\$0	
0	\$0	
0	\$0	
0	\$0	
0	\$0	
0	\$0	
0	\$0	
0	\$0	
0	\$0	
2	\$320	
284	\$21,676	
0	\$0	
0	\$0	
0	\$0	
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0	\$0	
0	\$0	
4	\$407	
0	\$0	
2	\$176	
5	\$567	
3	\$295	
0	\$0	
0	\$0	
16	\$1,656	
11	\$1,350	

A	В	С	D	F		Q	Х	Z	AF	AS	BH	BI
	3. Construct a Hydraflow model for the portion of the underground systems to be	20	\$2,400	2	16	2					20	\$2,400
	replaced. A tailwater depth for the 10-year storm event will be assumed at 6" below the throat											
	opening of the most downstream structure where the system will be replaced, which conforms with											
39	APWA Section 5600 design standards.											
	<b>1.02.</b> Use the base map prepared at a scale of 1"=20' showing both contours at 2 foot intervals and	0	\$0								0	\$C
40	property lines.											
41	A. Develop preliminary plans	0	\$0								0	\$0
42	1. Cover sheet.	5	\$471		1	4					5	\$471
43	2. Typical sections.	0	\$0								0	\$0
44	a. Roadway	4	\$383		1	3					4	\$383
45	b. Drainage Swales	5	\$471		1	4					5	\$471
46	3. Drainage design.	0	\$0								0	\$0
47	a. Drainage Area Maps. (4 sheets - 1 for Each Project Site)	14	\$1,294		2	12					14	\$1,294
	b. Pavement Spread Calculations for 18 curb inlets. (Assuming using same	12	\$1,428		12						12	\$1,428
	number of existing curb inlets. If spread calculations require additional inlets this additional											
48	design will be handled by addendum.)											
49	c. Inlet and other structure design calculations. (No special structures	0	\$0								0	\$0
50	d. Hydraulic & Energy Grade Line calculations.	16	\$1,800	2	8	6					16	\$1,800
51	e. Overflow swale capacity calculations.	18	\$1,976	2	8	8					18	\$1,976
52	6. Plan and Profile sheets (6 Plan & Profile Sheets)	116	\$11,900	8	36	72					116	\$11,900
53	a. Plan scale = $\underline{1"=20'}$	0	\$0								0	\$0
54	b. Profile scale $H = 1^{"}=20$ ; $V = 1^{"}=5^{"}$	0	\$0								0	\$0
55	7. Preliminary traffic control for construction plan sheets. (Not required)	0	\$0								0	\$0
56	8. Preliminary pavement marking and signing. (None anticipated)	0	\$0								0	\$0
57	9. Property lines and owner information. (Defining new easements)	6	\$590		2	4					6	\$590
	15. Cross sections every 20 feet for overflow swales (as necessary) (Assumes	22	\$2,204	2	4	16					22	\$2,204
58	Overflow Swales Outside Street Areas.)		<b>A</b> ( <b>A A</b> (									<u> </u>
59	16. General notes/Recap of quantities	12	\$1,221	1	3	8					12	\$1,221
60	17. Survey reference information (4 Sheets - 1 for each project)	18	\$1,646		2	16					18	\$1,646
61	18. Miscellaneous Details (City Stds for Preliminary Submittal)	6	\$590		2	4					6	\$590
62	19. Quality assurance review	4	\$476		4						4	\$476
63	<b>1.03.</b> Furnish 5 copies of preliminary plans for review.	4	\$407	1		2				1	4	\$407
64	A. Plan sets will be prepared in:	0	\$0								0	\$0
65	1. 1 Full size (22" x 34")	0	\$0								0	\$0
66	2. 4 Half size (11"x 17")	0	\$0 € 407	4						4	0	\$0
	<b>1.04.</b> Submit preliminary plans to utility companies for their use in preparing for relocations. (6	4	\$407	1		2				1	4	\$407
67	Utility Companies)		<b><b><b><b></b></b></b></b>		-						-	<b><b><b></b></b></b>
	<b>1.05.</b> Develop preliminary opinion of probable costs itemized by unit of work, including right-of-	5	\$574	1	2	2					5	\$574
68	way and contingency.	0	ድር								0	\$0
	<b>1.06.</b> Submit 5 copies of preliminary plans and opinion of probable costs to City for review (Fees	0	\$0								0	<b>Ф</b> О
69	shown in 1.03 and 1.05).	22	¢4 240	16	12	4					22	\$4,340
	<b>1.07.</b> Communicate with City not less than bi-weekly as necessary in connection with such	32	\$4,340	10	12	4					32	\$4,340
	preliminary work. (Assumes phone call updates at least every other week & 4 meetings with City.)											
70												
	<b>1.08.</b> Field Check to be performed with representatives of the Consulting Engineer and the City at	8	\$1,116	4	4						8	\$1,116
71	the project site with appropriate detailed plans.											
72	<b>1.09.</b> Right-of-way and easements.	0	\$0								0	\$0
73	A. Describe up to 15 right-of-way descriptions or easement descriptions.	44	\$4,204	2	2	30	8			2	44	\$4,204
	1. Furnish legal descriptions sealed by an RLS licensed in the state of Kansas.	0	\$0								0	\$0
	Legal descriptions are also to be provided in a digital format compatible with Microsoft Word 7.0.											
74												
75	2. Furnish necessary title information.	0	\$0								0	\$0
76	3. Maps and sketches as follows:	0	\$0								0	\$0
77	a. Plan and profile pages showing all proposed takings.	0	\$0								0	\$C

	Δ	В	С	D	F		Q	X	Z	AF	AS	BH	BI
78	~	b. Individual drawings of takings for each ownership including:	0	\$0	•		Q.	~	2		70	0	\$0
79		(1) Title block.	0	\$0								0	\$0
80		(1) The block. (2) Ownership boundaries.	0	\$0								0	\$0
81		(3) Existing rights-of-ways and easements.	0	\$0								0	\$0
82		(4) Proposed takings identified with text and graphically.	0	\$0								0	\$0
83		(i) Legend for taking type.	0	\$0								0	\$0
84		(6) Graphical scale and north arrow.	0	\$0								0	\$0
85		(i) Original scale and formation.	0	\$0								0	\$0
86		(8) Legal description of all takings.	0	\$0								0	\$0
00		B. The Consulting Engineer shall stake in the field the location of rights-of-way and/or	14	\$1,106	1		1		6	6		14	\$1,106
		easements (up to 2) prior to acquisition and construction as requested by the City, and shall meet	17	ψ1,100	•				Ŭ	Ŭ		17	ψ1,100
07		with appraisers to identify easement and right-of-way locations.											
87			0	\$0								0	\$0
88		<b>1.10.</b> Public Information:	23	\$3,054	10	10	3					23	\$3,054
		A. Attend three neighborhood meetings to explain the project to residents of the	23	φ <u></u> 3,054	10	10	5					23	φ3,034
89		project area, and to receive public comments at a time and place arranged for by the City.	0	¢0								0	
		1. Prepare exhibits, including preliminary plans (showing right-of-way taking and	0	\$0								0	\$0
90		easements).		<b>^</b>									
91		2. Have persons available to explain the proposed work and to answer questions.	0	\$0								0	\$0
		B. The Consulting Engineer will be available to meet with City staff and concerned	6	\$714		6						6	\$714
		property owners as directed by the City to discuss the project at any time throughout the project.											
		Estimated fee includes 6 hours of engineer time. Anything above the stated time estimated will be											
92		considered additional and negotiated at a later date											
93		1.11. Permitting.	0	\$0								0	\$0
		A. Prepare the necessary plans and applications for permit submission to and approval	0	\$0								0	\$0
94		of:											
95		1. State including:	0	\$0								0	\$0
96		a. Division of Water Resources.	9	\$899		4	4				1	9	\$899
97		2. Federal including:	0	\$0								0	\$0
98		a. NPDES.	9	\$899		4	4				1	9	\$899
99		1.12. Environmental Analysis	0	\$0								0	\$0
		A. The Consulting Engineer shall not complete an environmental analysis. If an	0	\$0								0	\$0
		environmental analysis is deemed necessary after the original agreement is executed, then an											
100		addendum will be required.											
101		1.13. Utility Coordination	0	\$0								0	\$0
		A. In addition to utility locate during field survey, attend up to three (3) utility	13	\$1,454		10	3					13	\$1,454
102		coordination meetings.											
		B. No excavation of utility lines are expected. If necessary, additional costs for such	0	\$0								0	\$0
103		work will be negotiated between the City and the Consulting Engineer separately.											
104 ]	Fask II.	Final Design	0	\$0								0	\$0
105		<b>2.01.</b> Prepare detailed plans and specifications.	0	\$0								0	\$0
106		A. Cover sheet.	5	\$471		1	4					5	\$471
107		B. Typical sections.	0	\$0								0	\$0
108		1. Roadway	2	\$176			2					2	\$176
109		2. Drainage Swales	4	\$383		1	3					4	\$383
110		C. Drainage design.	0	\$0								0	\$0
111		1. Drainage area maps. (4 Sheets - 1 for Each Project Site)	6	\$590		2	4					6	\$590
112		2. Pavement spread calculations.	2	\$238		2						2	\$238
113		3. Inlet and other structure design calculations. (No special structures anticipated)	0	\$0								0	\$0
114		4. Hydraulic & Energy Grade Line calculations.	4	\$414		2	2					4	\$414
115		5. Overflow swale capacity calculations.	13	\$1,340	1	4	8					13	\$1,340
116		D. Stormwater Plan and Profile sheets (Includes addressing field check comments)	96	\$9,768	8	24	64					96	\$9,768
117		1. Plan scale = $1"=20"$	0	\$0	-	+			1			0	\$0
118		2. Profile scale $H = 1^{2}=20$ ; $V = 1^{2}=5^{2}$	0	\$0		+			1			0	\$0
119		E. Existing and proposed right-of-way limits. (Completed during Preliminary Design)	0	\$0								0	\$0
120		F. Property lines and owner information. (Completed during Preliminary Design)	0	\$0 \$0								0	\$0
120		1.1 roperty mice and owner mormation. (Completed during Fremminaly Design)	•	<b>4</b> 0		1	1	1	1	1	1	<b>J</b>	

		- B	C					V	7		48	вц	
	A	G. Cross sections every 20 feet for overflow swales (as necessary) (Assumes Overflow	C 34	D \$3,384	<del>۲</del>	8	Q 24	Х	Z	AF	AS	BH 34	BI \$3,384
101		Swales Outside Street Areas)	54	ψ0,004	2	0	24					54	ψ0,004
121		H. Traffic control plan and construction phasing including detour routing for each	0	\$0								0	\$0
100		phase of the project. (Not Required For This Project)	Ŭ	ψŪ								Ŭ	ψΟ
122		I. Irrigation (lawn sprinkler) restoration plans. (Will cover with general note - similar	0	\$0								0	\$0
100		to 71st to 74th, Reeds to Maple project.)	Ŭ	ψŪ								U	ψυ
123			0	\$0								0	\$0
124		<ol> <li>Develop plan sheets and specifications showing final irrigation plans.</li> <li>Identify plant materials which will require interim (during construction)</li> </ol>	0	\$0 \$0								0	\$0 \$0
125		3. Develop details and specifications for interim irrigation.	0	\$0 \$0								0	\$0 \$0
126			16	<del>پ</del> 0 \$1,924	2	12	2					16	\$1,924
107		J. Landscape replacement schedule and subdivision marker replacement details. (City to provide plant species.)	10	ψ1,924	2	12	2					10	ψ1,524
127			0	\$0								0	\$0
		K. Location of existing utilities and underground facilities. (Completed during survey)	0	ΦU								U	φυ
128		Chammer and Delleview Description Disc (CWDDD) in the disc section and as discard	19	\$2,047	2	8	8				1	19	\$2,047
		L. Stormwater Pollution Prevention Plan (SWPPP), including erosion and sediment control plans. Plans shall conform to OP design checklists and requirements. SWPPP shall follow	19	φ2,047	2	0	0				1	19	φ2,047
		Overland Park template and conform to KDHE requirements. Provide 2 copies of SWPPP shall follow											
129		notebook to the City at time of bidding.	72	¢7 440	2	30	40					72	\$7,410
		X. Provide construction details as deemed necessary. (Includes OP Std Details, fence	12	\$7,410	Z	30	40					12	\$7,410
130		details, 4 ADA Ramp Details & 6 intersection details)	28	\$2,794	2	6	20					28	\$2,794
131		X-1. General notes/Recap of quantities		\$2,794 \$176	Z	0							\$176
132		X-2. Survey reference information (4 Sheets - 1 for Each Project)	2			8	2					2	\$176
133		X-3. Quality assurance review	0	\$952 \$0		0						0	\$952 \$0
134		X-4. Project Manual	0			4						-	\$0 \$476
135		1. Bartlett & West reviews technical specifications provided by the City.	4	\$476		4						4	
136		2. City provides front end documents and compiles manual.	0	\$0								0	\$0
137		3. Bartlett and West reproduces the project manual.	2	\$190		1					1	2	\$190
138		<b>2.02.</b> Schedule and attend 2 utility coordination meetings.	0	\$0								0	\$0
139		2.03. Prepare a detailed opinion of probable cost.	5	\$636	1	4						5	\$636
140		A. Include an appropriate contingency.	0	\$0								0	\$0 \$0
141		B. Estimate time required to complete construction.	0	\$0 \$0								0	\$0 \$0
142		C. Provide input to the City regarding forms for:	0	\$0 \$0								0	\$0 \$0
143		1. Proposals.	0	\$0 \$0								0	\$0 \$0
144		2. Construction contracts.	0	\$0 \$0								0	\$0 \$0
145		3. Bonds.	0	\$0 \$000	4		0					0	
		<b>2.04.</b> At the completion of the project, furnish to the City the CAD drawings of the project in the	3	\$336	I		2					3	\$336
		Consulting Engineer's digital format and TIFF images in compressed CCITT, group 4 at 200 dpi											
		format for the City's future use. The record contract documents for the project will be the original											
146		sealed drawings.	4	¢ 407	4		0				1	4	¢407
147		<b>2.05.</b> Furnish <u>5</u> copies of detailed plans and specifications.		\$407 \$0	1		2				1		\$407
148		A. Plan sets will be prepared in:	0	\$0 ©0								0	\$0
149		1. 1 Full size (22" x 34")	0	\$0 \$0								0	\$0 \$0
150		2. 4 Half size (11"x 17")	0	\$0 \$0.1.10	10	10	4					0	
		<b>2.06.</b> Communicate with City not less than bi-weekly as necessary during preparation of detailed	24	\$3,142	10	10	4					24	\$3,142
151		plans. (Assumes phone call update at least every other week & 2 meetings with City.)	0	¢0									
152		ינוי <del>ת</del>	0	\$0 \$0								0	\$0 \$0
153 <mark>′</mark>	ask III.	Bidding	0			4	2				4	0	
		<b>3.01.</b> Prepare and provide plans and specifications to bidders at cost to recover expenses of	4	\$366		1	2				1	4	\$366
154		duplication and handling.		<u> </u>		0							<b>MOLA</b>
155		<b>3.02.</b> Attend bid letting.	3	\$357 \$2.047	0	3	0				4	3	\$357
156		<b>3.03.</b> Prepare written addenda to the bidding documents as required and/or requested.	19	\$2,047	2	8	8				1	19	\$2,047
		<b>3.04.</b> Assist the City in analyzing bids and making recommendation for award of the construction	2	\$238		2						2	\$238
157		contract.		<b>\$</b> 000	4	A						<u> </u>	
158		<b>3.05.</b> Prepare bid tabulation in printed and MS Excel format.	5	\$636 \$257	1	4						5	\$636
159		<b>3.06.</b> Attend a pre-bid conference.	3	\$357		3						3	\$357

	А	В	С	D	F	I	Q	Х	Z	AF	AS	BH	
		<b>3.07.</b> Attend a pre-construction conference with City representatives, the successful bidder, and	3	\$357		3						3	
160		utility companies.											
161			0	\$0								0	
	Fask IV.	Construction Services	0	\$0								0	
102		<b>4.01.</b> Be available for discussion and consultation during the construction phase, but construction	12	\$1,428		12						12	\$
		observation will be the responsibility of the City of Overland Park. (Estimated fee includes 12	. –	••••								. –	*
		hours of engineer time. Anything above the stated time estimated will be considered additional											
163		and negotiated at a later date.)											
		<b>4.02.</b> Review shop drawings and be available for consultation with the City during construction.	10	\$1,183	1	8					1	10	\$
		Bartlett & West shall review only the shop drawings that require review by a structural engineer,											
164		including the following:											
165		A. Concrete Reinforcing	0	\$0								0	
		B. Precast Concrete	0									0	
166			•			0	0						
		<b>4.03.</b> Prepare plan revisions as necessitated by conditions encountered in the field during	16	\$1,656		8	8					16	\$
		construction, with the exception of traffic control plans. (Estimated fee includes 8 hours of											
		engineer time and 8 hours of technician time. Anything above the stated time estimated will be											
167		considered additional and negotiated at a later date.)											
168		<b>4.04.</b> Prepare final record drawings which reflect:	25	\$2,396	1	4	20					25	\$
169		A. All change orders.	0	\$0			-					0	
			0									0	
170		B. Minor design changes.	0									0	
		C. Changes made in the field by City representative and are marked on the	0	\$0								0	
171		construction plan set.											
172		D. Submit updated CAD drawings and TIFF images of the revised sheets.	0	\$0								0	
173												0	-
174		Subtotal Labor	1252	\$ 125,473.00	109	365	500	20	120	120	18	1252	\$12
175	#	Scope	Total Hrs	Total Fee									
176		Task I - Preliminary Design	797	\$ 77,198.00									
177		Travel expenses		\$ 825.00									
178 179		Survey expenses CADD expenses @ \$7.00/hr		\$ 3,600.00 \$ 1,897.00									
179		Sub-Consultant expenses		\$ 1,897.00 \$ 2,250.00									
181		Misc. expenses @ 2% of labor subtotal		\$ 2,250.00									
182		Task I Subtotal Expenses		\$ 10,116.00									
183		Task I Total Expenses and Labor		\$ 87,314.00									
184		Task I Percent of Total Fee Estimate		63%									
185													-
186		Task II - Final Design	353	\$ 37,254.00									
187		Travel expenses		\$-									
188		CADD expenses @ \$7.00/hr		\$ 1,337.00									
189		Sub-Consultant expenses		\$ -									
190		Misc. expenses @ 2% of labor subtotal		\$ 745.00									
191 192		Task II Subtotal Expenses Task II Total Expenses and Labor		\$ 2,082.00 \$ 39,336.00									
192		Task II Percent of Total Fee Estimate		\$ 39,330.00 28%									
194				2070									
195	11	Task III - Bidding	39	\$ 4,358.00									
196		Travel expenses		\$ 350.00									
197		CADD expenses @ \$7.00/hr		\$ 70.00									
198		Sub-Consultant expenses			-								
198 199		Sub-Consultant expenses Misc. expenses @ 2% of labor subtotal		\$ 87.00									
198 199 200		Sub-Consultant expenses           Misc. expenses @ 2% of labor subtotal           Task III Subtotal Expenses		\$ 87.00 \$ 1,507.00									
198 199 200 201		Sub-Consultant expenses Misc. expenses @ 2% of labor subtotal Task III Subtotal Expenses Task III Total Expenses and Labor		\$         87.00           \$         1,507.00           \$         5,865.00									
198 199 200 201 202		Sub-Consultant expenses           Misc. expenses @ 2% of labor subtotal           Task III Subtotal Expenses		\$ 87.00 \$ 1,507.00									
198 199 200 201 202 203	V	Sub-Consultant expenses Misc. expenses @ 2% of labor subtotal Task III Subtotal Expenses Task III Total Expenses and Labor Task III Percent of Total Fee Estimate		\$ 87.00 \$ 1,507.00 \$ 5,865.00 4%									
198 199 200 201 202 203 203	V	Sub-Consultant expenses Misc. expenses @ 2% of labor subtotal Task III Subtotal Expenses Task III Total Expenses and Labor Task III Percent of Total Fee Estimate Task IV - Construction Services	63	\$ 87.00 \$ 1,507.00 \$ 5,865.00 4% \$ 6,663.00									
198 199 200 201 202 203 204 207	V	Sub-Consultant expenses         Misc. expenses @ 2% of labor subtotal         Task III Subtotal Expenses         Task III Total Expenses and Labor         Task III Percent of Total Fee Estimate         Task IV - Construction Services         Travel expenses	63	\$ 87.00 \$ 1,507.00 \$ 5,865.00 4% \$ 6,663.00 \$ 145.00									
198 199 200 201 202 203 204 207 208	V	Sub-Consultant expenses Misc. expenses @ 2% of labor subtotal Task III Subtotal Expenses Task III Total Expenses and Labor Task III Percent of Total Fee Estimate Task IV - Construction Services Travel expenses CADD expenses @ \$7.00/hr	63	\$ 87.00 \$ 1,507.00 \$ 5,865.00 4% \$ 6,663.00 \$ 145.00 \$ 196.00									
198 199 200 201 202 203 204 207 208 209	v	Sub-Consultant expenses         Misc. expenses @ 2% of labor subtotal         Task III Subtotal Expenses         Task III Total Expenses and Labor         Task III Percent of Total Fee Estimate         Task IV - Construction Services         Travel expenses         CADD expenses @ \$7.00/hr         Misc. expenses @ 2% of labor subtotal	63	\$ 87.00 \$ 1,507.00 \$ 5,865.00 4% \$ 6,663.00 \$ 145.00 \$ 196.00 \$ 133.00									
198           199           200           201           202           203           204           207           208           209           210	V	Sub-Consultant expenses         Misc. expenses @ 2% of labor subtotal         Task III Subtotal Expenses         Task III Total Expenses and Labor         Task III Percent of Total Fee Estimate         Task IV - Construction Services         Travel expenses         CADD expenses @ \$7.00/hr         Misc. expenses @ 2% of labor subtotal         Task IV Subtotal Expenses	63	\$ 87.00 \$ 1,507.00 \$ 5,865.00 4% \$ 6,663.00 \$ 145.00 \$ 196.00 \$ 133.00 \$ 474.00									
198           199           200           201           202           203           204           207           208           209           210           211           212	V	Sub-Consultant expenses         Misc. expenses @ 2% of labor subtotal         Task III Subtotal Expenses         Task III Total Expenses and Labor         Task III Percent of Total Fee Estimate         Task IV - Construction Services         Travel expenses         CADD expenses @ \$7.00/hr         Misc. expenses @ 2% of labor subtotal	63	\$ 87.00 \$ 1,507.00 \$ 5,865.00 4% \$ 6,663.00 \$ 145.00 \$ 196.00 \$ 133.00									
198           199           200           201           202           203           204           207           208           209           210           211           212           213	V	Sub-Consultant expenses         Misc. expenses @ 2% of labor subtotal         Task III Subtotal Expenses         Task III Total Expenses and Labor         Task III Percent of Total Fee Estimate         Task IV - Construction Services         Travel expenses         CADD expenses @ \$7.00/hr         Misc. expenses @ 2% of labor subtotal         Task IV Subtotal Expenses         Task IV Subtotal Expenses	63	\$ 87.00 \$ 1,507.00 \$ 5,865.00 4% \$ 6,663.00 \$ 145.00 \$ 196.00 \$ 133.00 \$ 474.00 \$ 7,137.00 5%									
198           199           200           201           202           203           204           207           208           209           210           211           212	V	Sub-Consultant expenses         Misc. expenses @ 2% of labor subtotal         Task III Subtotal Expenses         Task III Total Expenses and Labor         Task III Percent of Total Fee Estimate         Task IV - Construction Services         Travel expenses         CADD expenses @ \$7.00/hr         Misc. expenses @ 2% of labor subtotal         Task IV Subtotal Expenses         Task IV Subtotal Expenses	63	\$ 87.00 \$ 1,507.00 \$ 5,865.00 4% \$ 6,663.00 \$ 145.00 \$ 196.00 \$ 133.00 \$ 474.00 \$ 7,137.00									

	DI
3	BI \$357
3	\$357
0	\$0 \$0
	\$0
2	\$1,428
0	\$1,183
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0	\$0
6	\$1,656
5	\$2,396
0	\$0
0	\$0
0	\$0
0	\$0
0 2	\$0 \$125,473
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THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERE NO RIGHTS UPON THE CERTIFICATE HOLDEES. THE FOLCES END CONSTITUTE A CONTRACT BETWEE OF ANSALTS.       PERIODICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEENE AFFORDED BY THE FOLCIES END.         EXEMPTION THE OFFICIENT OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEENE THE ISSUER DISURD AND THE DECENTRACT HOLDES.       Subject 15         MEMORYNAMT, THE FORTIGINA DATA IN ADDITIONAL THE ACTIONAL THE ACTIO	Ą	CORD <sup>®</sup> CERT	ΊF	IC	ATE OF LIAI	BIL	ITY IN	SURA	NCE		MM/DD/YYYY) 1/8/10
the terms and conditions of the policy, certain policies may require an endocrement. A statement. A statement on this certificate does not confer rights to the conflicts in observation in the of such chorosement(s). PROCESS CERTIFICAL PROPERSION INSURANCE CO. PO Box 2847 TOPEKA, KS 66601  COVERAGES CERTIFICATE NUMBER: INSURE ALC CONTINUES CONTINUES IN INSURANCE CO. PORTIFICATE NUMBER: INSURE ALC CONTINUES CONTINUES CONTINUES IN INSURANCE CO. PORTIFICATE NUMBER: INSURE ALC CONTINUES	C B R	ERTIFICATE DOES NOT AFFIRMATI ELOW. THIS CERTIFICATE OF INS EPRESENTATIVE OR PRODUCER, AN	VEL' URA	Y OR NCE HE C	R NEGATIVELY AMEND, DOES NOT CONSTITUT ERTIFICATE HOLDER.	EXTER	ONTRACT E	ER THE CO BETWEEN T	VERAGE AFFORDED HE ISSUING INSURE	BY THE R(S), AU	POLICIES
Encourse         State         Jean Barbee           TCCHNICAL PROFESSION INSURANCE CO.         The state         TS-357-112         T& State           PO Box 2847         TOPEKA, KS 66601         Image: state         TS-357-112         T& State           Insurance         Image: state         Image: state         TS-357-112         T& State         TS-357-112           Insurance         Image: state         Image: state<	th	e terms and conditions of the policy,	cert	ain p	olicies may require an en						
TEC-HNICAL PROFESSION INSURANCE CO. PO Box 28/7 TOPEKA, KS 66601  NUMBER 2:	_					CONTAC	эт —	Jean Bart	bee		
PO Box 2847 TO/PEKA, KS 6601	T	CHNICAL PROFESSION INSU	RAN	ICE		PHONE	. Ext);			o): 785-3	357-115
BARTLETT & WEST INC.     BARTLETT & WEST					-	E-MAIL	55:	jbarbee@			
NEURER BARTLETT & WEST INC. BARTLETT & WEST INC. BUILDER S. COVERAGES COVER	T(	DPEKA, KS 66601			-						
BARTLETT & WEST INC. I200 EXECUTIVE DR TOPELA, KS 66605  COVERAGES CERTIFICATE NUMBER: REVISION NUMBER: REVI	INSU	RED		••				Continent	tal Casualty Insuran	ce Co.	20443
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Ad Ordonoutie Locality <ul> <li>All OWNED</li> <li>ACCORDANCE CALLED</li> <li>ALLOWNED</li> <li>ACTOS</li> <li>ALLOWNED</li> <li>ALLOWNED</li></ul>									COMBINED SINGLE LIMIT		
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CERTIFICATE HOLDER       CANCELLATION         City of Overland Park Arth: Mary Lou McClanahan Public Works Department 8500 Santa Fe Drive Overland Park, KS 66212       AAE-00-431-35-33		NON-OWNED							PROPERTY DAMAGE (Per accident)	\$	
EXCESS LAB       CLAIMS-MADE         DED       RETENTIONS         WORKERS COMPENSATION AND EMPLOYERS LABLITY AND PROPRIETOR SCUEPTS       Y IN AND EMPLOYERS LABLITY AND PROPRIETOR COMPENSATION AND EMPLOYERS LABLITY AND PROPRIETOR COMPENSATION AND EMPLOYERS LABLITY AND PROPRIETOR COMPENSATION DESCRIPTION OF OPERATIONS below       N / A         A       Architects & Engineers Professional Liability       N / A         B&W PN#17461.001 - 2011 Major Storm Sewer Repair (MS-1273)       07/29/10       07/29/11         CERTIFICATE HOLDER       CANCELLATION City of Overland Park Attn: Mary Lou McClanahan Public Works Department 8300 Santa Fe Drive Overland Park, KS 66212       CANCELLATION										\$	
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LUED       HELENIONS         WORKERS COMPENSATION       WORKERS COMPENSATION         AND EMPLOYERS LABILITY       Y/N         ANY EMPLOYERS LABILITY       Y/N         AAR FORDERTOR/PARAMETERSEVECUTIVE       Y/N         MURRAWERS COMPENSATION OF OPERATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)         DESCRIPTION OF OPERATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)         B&W PN#17461.001 – 2011 Major Storm Sewer Repair (MS-1273)         CERTIFICATE HOLDER       CANCELLATION         City of Overland Park       Should Any of THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE         THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.         Public Works Department       Sto0 Santa Fe Drive         Overland Park, KS 66212       AUTHORIZEP-REPRESENTATIVE		EXCESS LIAB CLAIMS-MADE							AGGREGATE		
AND SERVENCE       Y/N         AND SERVENCE       N/A         A       Architects & Engineers         Professional Liability       AAE-00-431-35-33         DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)         B&W PN#17461.001 – 2011 Major Storm Sewer Repair (MS-1273)         CERTIFICATE HOLDER       CANCELLATION         City of Overland Park       Should Any OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE         THE EXPRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACORDANA       SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE         THE EXPRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACORDANS, KS 66212       Authorizep Representative	⊢			-					WC STATU- O	тн-	
OFFICERMEMBER EXCLUDED?       N/A         (Mandatory in Ni)       Image: Section of the explored in		AND EMPLOYERS' LIABILITY Y / N									
If yes, description OF OPERATIONS below       EL. DISEASE - POLICY LIMIT       s         A       Architects & Engineers Professional Liability       AAE-00-431-35-33       07/29/10       07/29/11       \$2,000,000 each claim and \$3,000,000 in the aggregate         DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)       B&W PN#17461.001 - 2011 Major Storm Sewer Repair (MS-1273)         CERTIFICATE HOLDER       CANCELLATION         City of Overland Park Attn: Mary Lou McClanahan Public Works Department 8500 Santa Fe Drive Overland Park, KS 66212       SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.		OFFICER/MEMBER EXCLUDED?	N/A	•						YEE \$	
Image: Contract of the second state		If yes, describe under DESCRIPTION OF OPERATIONS below							E.L. DISEASE - POLICY LIN	11T \$	
B&W PN#17461.001 – 2011 Major Storm Sewer Repair (MS-1273)         CERTIFICATE HOLDER       CANCELLATION         City of Overland Park       SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE         Attn: Mary Lou McClanahan       SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE         Public Works Department       SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE         8500 Santa Fe Drive       AuthorizeD Representative         Overland Park, KS 66212       AuthorizeD Representative	A				AAE-00-431-35-33	3	07/29/10	07/29/11			
CERTIFICATE HOLDER       CANCELLATION         City of Overland Park       SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE         Attn: Mary Lou McClanahan       SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE         Public Works Department       SHOULD ANY OF THE POLICY PROVISIONS.         Stour Provisions       Authorize Presentative         Overland Park, KS 66212       Authorize Presentative	DE	CRIPTION OF OPERATIONS / LOCATIONS / VEHIC	LES	Attack	ACORD 101, Additional Remarks	Schedul	e, if more space l	s required)			
City of Overland Park       SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE         Attn: Mary Lou McClanahan       Public Works Department         8500 Santa Fe Drive       Authorized Representative         Overland Park, KS 66212       Authorized Representative		B&W PN#17461.001 – 2011 M	lajor	Sto	rm Sewer Repair (MS-1	(273)					
City of Overland Park       SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE         Attn: Mary Lou McClanahan       Public Works Department         8500 Santa Fe Drive       Authorized Representative         Overland Park, KS 66212       Authorized Representative											
City of Overland Park       SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE         Attn: Mary Lou McClanahan       THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN         Public Works Department       Accordance with the Policy Provisions.         8500 Santa Fe Drive       Authorizep Representative         Overland Park, KS 66212       Authorizep Representative											
City of Overland Park       SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE         Attn: Mary Lou McClanahan       Public Works Department         8500 Santa Fe Drive       Authorized Representative         Overland Park, KS 66212       Authorized Representative											
Attn: Mary Lou McClanahan       THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN         Public Works Department       Accordance with the policy provisions.         8500 Santa Fe Drive       Authorized representative         Overland Park, KS 66212       Authorized representative	CE	RTIFICATE HOLDER				CAN	CELLATION				
Attn: Mary Lou McClanahan       THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN         Public Works Department       Accordance with the policy provisions.         8500 Santa Fe Drive       Authorized representative         Overland Park, KS 66212       Authorized representative		City of Overland Park				SH	OULD ANY OF	THE ABOVE I	DESCRIBED POLICIES B	E CANCEL	LED BEFORE
Public Works Department 8500 Santa Fe Drive Overland Park, KS 66212						і тн	E EXPIRATIO	N DATE TH	IEREOF, NOTICE WIL	L BE DE	ELIVERED IN
8500 Santa Fe Drive Overland Park, KS 66212		•					GORDANCE W	IN THE POL	ICT FROMBIONS.		
		8500 Santa Fe Drive				AUTH			~		
		Overland Park, KS 66212									
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ACORD CERTI	FICATE OF LIAB	BILITY II	NSURAN	NCE	DATE (MM/DD/YY) 11/08/2010						
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IMA of Kansas, Inc. (NE KS)				O RIGHTS UPON TH ATE DOES NOT AME							
51 Corporate Woods		ALTER THE COVERAGE AFFORDED BY THE POLICIES BELC									
9393 W 110th Street, Suite 600		INSURERS AFFORDING COVERAGE									
Overland Park, KS 66210											
INSURED Bartlett & West, Inc.		INSURER A: Valley Forge Insurance Co.									
1200 SW Executive		INSURER B: RSUI Indemnity Company INSURER C: Continental Casualty Company									
Topeka, KS 66615-3		INSURER C: CO	ontinental Casua	alty Company							
		INSURER D:									
		INSURER E:									
ANY REQUIREMENT, TERM OR COM MAY PERTAIN, THE INSURANCE AFFO	BELOW HAVE BEEN ISSUED TO THE I NDITION OF ANY CONTRACT OR OTHER ORDED BY THE POLICIES DESCRIBED F NMAY HAVE BEEN REDUCED BY PAID CLA	R DOCUMENT WIT HEREIN IS SUBJE MMS.	TH RESPECT TO W	HICH THIS CERTIFICATE I	MAY BE ISSUED OR						
INSR LTR TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMIT	s						
A GENERAL LIABILITY	C2026149718	07/01/10	07/01/11	EACH OCCURRENCE	\$1,000,000						
X COMMERCIAL GENERAL LIABILITY				FIRE DAMAGE (Any one fire)	\$1,000,000						
CLAIMS MADE X OCCUR				MED EXP (Any one person)	\$10,000						
				PERSONAL & ADV INJURY	\$1,000,000						
				GENERAL AGGREGATE	\$2,000,000						
GEN'L AGGREGATE LIMIT APPLIES PER:				PRODUCTS - COMP/OP AGG	\$2,000,000						
POLICY X PRO- JECT X LOC											
C AUTOMOBILE LIABILITY X ANY AUTO	C1077224907	07/01/10	07/01/11	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000						
ALL OWNED AUTOS SCHEDULED AUTOS				BODILY INJURY (Per person)	\$						
X HIRED AUTOS X NON-OWNED AUTOS				BODILY INJURY (Per accident)	\$						
				PROPERTY DAMAGE (Per accident)	\$						
GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	\$						
ANY AUTO				OTHER THAN EA ACC	\$						
				AUTO ONLY: AGG	\$						
B EXCESS LIABILITY	NHA053440	07/01/10	07/01/11	EACH OCCURRENCE	\$4,000,000						
X OCCUR CLAIMS MADE				AGGREGATE	\$ <b>4,000,000</b> \$						
DEDUCTIBLE					\$						
RETENTION \$					\$						
A WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	WC181723821	07/01/10	07/01/11	X WC STATU- TORY LIMITS OTH- ER							
EMPLOTERS LIABILITY				E.L. EACH ACCIDENT	\$1,000,000						
				E.L. DISEASE - EA EMPLOYEE							
				E.L. DISEASE - POLICY LIMIT	\$1,000,000						
OTHER											
DESCRIPTION OF OPERATIONS/I OCATIONS/V	EHICLES/EXCLUSIONS ADDED BY ENDORSEME	NT/SPECIAL PROVISI	IONS								
	Major Storm Sewer Repair (MS-12										
	d as Additional Insured on the G	-	omobile Liabilit	v							
Policies if required by written co	ontract or agreement and with res	spect to work p	performed by Inst	sured subject							
to the policy terms and conditio (See Attached Descriptions)	ns. The commercial general liabi	lity policy incl	udes contractua	I liability							
CERTIFICATE HOLDER AD	DITIONAL INSURED; INSURER LETTER:										
	-1-			ED POLICIES BE CANCELLED B							
City of Overland Par				ER WILL ENDEAVOR TO MAIL							
Attn: Mary Lou McC				NAMED TO THE LEFT, BUT FAI							
Public Works Depar		IM POSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR									
8500 Santa Fe Drive			REPRESENTATIVES. AUTHORIZED REPRESENTATIVE								
Overland Park , KS	00212-8000	- and a construction of the construction of th									

# **IMPORTANT**

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

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).

#### DISCLAIMER

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

# **DESCRIPTIONS (Continued from Page 1)**

assumed by the contract and vicarious liability associated with Independent Contractors, subject to the terms, conditions and exclusions of the policy. The commercial general liability policy does not provide primary protection for subcontractors not otherwise insured.

Insurer A: Valley Forge Insurance Company (A member of CNA Companies) is licensed to do business in the State of Kansas, carries an AM Best's Policyholder and Financial rating of A XV.

Insurer B: RSUI Indemnity Company is licensed to do business in the State of Kansas, carries an AM Best's Policyholder and Financial rating of A XII.

Insurer C: Continental Casualty Company (A member of CNA Companies) is licensed to do business in the State of Kansas, carries an AM Best's Policyholder and Financial rating of A XV.