

# PRIME DESIGN SERVICES CONTRACT FOR PEDESTRIAN SAFETY UPGRADES – PACKAGE 1A, FLASHERS AND SIGNALS

THIS CONTRACT is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, by and between the CITY OF LAS VEGAS, a municipal corporation within the State of Nevada (herein the "City") whose address is 333 North Rancho Drive, Las Vegas, Nevada 89106, and KIMLEY-HORN AND ASSOCIATES, INC., (the "Consultant"), a Corporation, whose address is 6671 Las Vegas Boulevard, South, Suite 320, Las Vegas, NV, 89119.

## WITNESSETH:

WHEREAS, the City intends to construct the **Pedestrian Safety Upgrades – Package 1A, Flashers and Signals** (herein the "Project"); and

WHEREAS, the City desires to retain the Consultant who will be responsible for providing the professional services more fully described below and in the exhibits attached hereto; and

WHEREAS, the Consultant is properly licensed pursuant to NRS Chapter 623, 623A, or 625, whichever is legally required for the services to be provided within the State of Nevada, and if applicable to the Consultant's business organization, is in compliance with NRS 623.349 for architects, interior designers, and residential designers and NRS 623A.250 for landscape architects, which requires that control and no less than two-thirds ownership of the business organization or association be held by persons registered or licensed in the State of Nevada pursuant to NRS Chapters 623, 623A, or 625, and possesses the special knowledge, skills and expertise to perform the services hereinafter set forth within the time required under this Contract.

NOW, THEREFORE, in consideration of the above premises, the parties hereto agree to the following terms, conditions and covenants set forth in Sections One through Ten hereof:

## SECTION ONE CONSULTANT RESPONSIBILITIES

**1.01 Description of Consultant's Services.** For the compensation set forth in Section Seven, the Consultant hereby agrees to perform the basic services set forth in the Scope of Services, **Exhibit "A"** attached hereto and incorporated herein as a part of this Contract and, if so requested, the additional services set forth in the Additional Compensation, **Exhibit "E"** attached hereto and incorporated herein as a part of this Contract and to provide the submittals described in the Required Submittals **Exhibit "B,"** attached hereto.

**1.02 Performance Standards.** In performing the services set forth in this Contract, the Consultant shall follow the practices consistent with the generally accepted standards in the profession of the services being provided to the City pursuant to this Contract.

**1.03 Document Review.** The Consultant shall review each document prepared by the Consultant and its subconsultants including, without limitation, the plans, drawings and specifications for conformance with quality control requirements, Project standards and applicable federal, state and local laws and other regulations. Consultant shall also review each document for violations or infringements upon any patent rights.

**1.04 Waiver.** The City's approval of any documents or services furnished by the Consultant shall not in any way relieve the Consultant of responsibility for the professional and technical accuracy of its documents or services. The City's review, approval, acceptance or payment for any of the Consultant's services shall not be construed to operate as a waiver of any rights enjoyed by the City under this Contract or of any cause of action arising out of the performance of this Contract. The Consultant shall remain liable for any damages to the City caused by the Consultant's negligent act or omission committed in the performance of this Contract.

**1.05 Designation of Consultant's Representative.** The Consultant's representative is the individual identified in the Key Personnel List, **Exhibit "F"** attached hereto (the "Consultant Representative") to act in that capacity, who shall be responsible for the services required under this Contract. The services specified by this Contract shall be performed by the personnel identified in the Key Personnel List provided that such associates and employees perform under the personal supervision of the Consultant Representative.

If any person or subconsultant who is expected to provide any of the services required under this Contract is objectionable to the City for any reason, the Consultant shall, without additional compensation, replace such person or subConsultant with someone acceptable to the City.

If the Consultant's personnel are unable to complete their responsibilities for any reason under this Contract, or the Consultant desires for any reason to substitute personnel assigned to the Project, the Consultant agrees to obtain the approval of the City for the substitution. The City shall not unreasonably deny approval unless the City adjudges the substitution to not be in the interest of the City or the Project.

If the Consultant fails to make an acceptable replacement within thirty (30) days, the City may terminate this Contract for default as provided in Section 10.03 of this Contract.

**1.06 Correspondence Review.** The Consultant shall furnish the City Representative draft copies of each correspondence to be sent to any contractor involved with the Project, and to any regulatory agencies, for approval and review prior to mailing such correspondence.

**1.07 Cooperation with the City.** The Consultant agrees that its officers, associates, employees and subconsultants will cooperate with the City in providing the services under this Contract and will be, with advance notice, available for consultation with the City at such reasonable times as to not conflict with the City's other responsibilities.

**1.08 Responsibility for Construction Document Revisions.**

**A. Applicability.** The Consultant's responsibility described in this Section applies only if the Consultant is responsible for providing a construction cost estimate and preparing construction documents for the Project.

**B. Responsibility for Revisions.** The Consultant does not warrant or represent that the bids or proposed price received by the City to construct the Project will come within the Engineer's Estimate prepared by the Consultant. If the bids or proposed price received by the City exceeds the Engineer's Estimate, the Consultant agrees to cooperate with the City in revising the requirements of the Project as required to lower the cost and to change the construction documents. If the changes requested by the City cause an increase or decrease in the cost or time required to perform any of the services required under this Agreement, the Consultant may submit a request for an Adjustment in Compensation pursuant to Section 3.02.

"Construction Cost Budget" as used herein means the monetary limit established by the City for construction of the Project which limit includes the cost of the Contractor's labor, materials, equipment, expenses, overhead and profit, but excludes the Project's soft costs, cost of change orders and other cost impacts encountered after award of the construction contract.

## SECTION TWO CITY RESPONSIBILITIES

**2.01 City Representative.** The Director of Public Works or his authorized representative identified in the Key Personnel List is hereby designated as the City's representative (the "City Representative") with respect to this Contract. The City Representative shall have complete authority to transmit instructions, receive information, interpret and define the City's policies and decisions with respect to the services of the Consultant. The City Representative is not authorized to change or waive any of the provisions set forth in Sections 1.01 through 10.24 of this Contract.

**2.02 Review of Consultant's Services and Documents.** The services to be performed by the Consultant shall be subject to periodic review by the City Representative. To prevent an unreasonable delay in the Project, the City Representative will endeavor to examine and comment in writing on the documents furnished by the Consultant including, without limitation, the plans, drawings, specifications, test results, evaluations, and reports within twenty-one (21) days of receipt of such documents, unless the Contract provides for a different review time with respect to the document.

**2.03 Access to Records.** The City shall, without charge, furnish a copy to, or make available for examination or use by, the Consultant, as it may request, any documents and data which the City has available including, without limitation, reports, maps, plans, specifications, surveys, records, ordinances, codes, regulations, and other documents related to the services required under this Contract. The City shall assist the Consultant in obtaining data and documents from public agencies and from private citizens and business firms whenever the City determines that such material is necessary for the completion of the services required by this Contract.

**2.04 Cooperation with Consultant.** The City agrees that its officers and employees will cooperate with the Consultant in the performance of this Contract and will be, with advance notice, available for consultation with the Consultant at such reasonable times as to not conflict with the Consultant's other responsibilities. The City shall provide access to the Consultant on to the Project site as may be required to perform the services under this Contract.

### SECTION THREE CHANGES TO CONSULTANT'S SERVICES

3.01 **Requested Changes.** The City may at any time, by written order of the City Representative, make a change in the services to be performed by the Consultant under this Agreement.

3.02 **Adjustment of Compensation.** If the change requested by the City causes an increase or decrease in the cost or time required to perform any of the services required under this Contract, an equitable adjustment shall be made in the compensation to be paid to the Consultant under Section Seven, or in the performance schedule under Section Eight, or both, and this Contract shall be modified in writing accordingly. Each claim for adjustment under this Section must be asserted in writing within thirty (30) days from the date of receipt by the Consultant of written notification of the change, unless the City grants in writing an extension. Provided proper notice has been given to the City as required herein, the claim for an adjustment shall be handled pursuant to the provisions of 10.20B and 10.20C of this Contract. The failure to provide notification of the claim within the time required herein shall constitute a waiver of the right to seek any equitable or legal adjustment in compensation with respect to that change.

### SECTION FOUR ADDITIONAL SERVICES OF CONSULTANT

4.01 **Additional Services.** The Consultant shall provide the additional services described in the Additional Compensation if, and only if, so requested in writing by the City. Payment for the additional services will be made to the Consultant in accordance with Section Seven of this Contract.

4.02 **Attendance at Meetings or Public Hearings.** The Consultant shall notify the City in advance of any additional costs which may be incurred prior to attending any meetings or public hearings as may be necessary in connection with the services performed by the Consultant under this Contract.

### SECTION FIVE SUBCONSULTANT CONTRACT

5.01 **Subconsultant Provisions.** If, with the approval of the City as required pursuant to Section 10.07, the Consultant enters into an agreement with a subconsultant for the performance of any of its obligations under this Contract, the Consultant agrees to include in each subconsultant agreement a provision that:

(i) the Consultant agrees to pay the subconsultant when paid by the City for that portion of the services provided to the City and that no liability arises on the part of the Consultant for payment of the subconsultant services until payment has been made by the City. If the City has paid the Consultant for the subconsultant services, the subconsultant's only recourse is against the Consultant and not against the City, either through the institution of legal or equitable action or the attachment of any lien,

(ii) the subconsultant shall have no more rights against the City than that of the Consultant,

(iii) the subconsultant agrees to be bound by the terms, conditions and obligation of this Contract unless the City has approved any deviation, change or modification in writing, and

(iv) unless otherwise approved in writing by the City Representative, the subconsultant shall obtain and maintain professional liability insurance (Errors and Omissions coverage) in connection with the subconsultant services in an amount equal to that required of the Consultant in this Contract.

### SECTION SIX TERM OF CONTRACT

6.01 **Term.** This Contract shall commence on the day it is approved by the City (which date shall be inserted in the introductory paragraph of this Contract) and shall remain in force and effect for one year until the Project is completed unless terminated earlier pursuant to Section 10.02 or 10.03 of this Contract. Such termination shall not release either party from any of its continuing obligations under this Contract.

6.02 **Disputes.** This Section shall not be construed to preclude the filing of any dispute arising out of the performance of this Contract or in connection with the subject matter hereof, nor shall this Section be construed to change the date or the time on which a cause of action arising

out of the performance of this Contract or in connection with the subject matter hereof, would otherwise accrue under the statutes of limitation or doctrines of law.

## SECTION SEVEN COMPENSATION AND TERMS OF PAYMENT

**7.01 Compensation: Basic Services.** For the services to be performed by the Consultant under this Contract and set forth in the Scope of Services, the City agrees to pay the Consultant the fee in the amount identified in the Fee Breakdown, **Exhibit "D"** attached hereto, pursuant to invoices submitted in accordance with Section 7.04 of this Contract.

**7.02 Compensation: Additional Services.** For any services not set forth in the Scope of Services, the City shall pay to the Consultant either a lump sum fee, or an hourly fee based on the hourly labor rate schedule set forth in the Additional Compensation, whichever is agreed to by the parties, provided prior written approval for such services is given by the City Representative.

**7.03 Compensation: Reimbursable Expenses.** The Consultant agrees that all of its direct and indirect expenses are included in the fee for Basic Services and the agreed upon compensation for any Additional Services, except as may be specifically allowed for reimbursable expenses as part of Additional Compensation.

**7.04 Payment Invoicing.** The Consultant may submit an invoice for payment for the services provided by the Consultant based on the manner or method of payment set forth in the Fee Breakdown. The City Representative will notify the Consultant of any problems regarding the invoice within fourteen (14) days from receipt thereof. If no response is received from the City Representative within the aforementioned period of time, the Consultant may expect payment within a period of (60) days from the date of receipt by the City. If payment has not been received within the sixty (60) days, the Consultant agrees to contact the City Representative to resolve the problem causing the delay. If resolution of the delay is not satisfactory to the Consultant, the Consultant may submit a claim pursuant to Section 10.20A of this Contract.

**7.05 Right to Off-Set.** The City Representative may subtract or offset from any unpaid invoice from the Consultant any claims, which the City may have for failure of the Consultant to comply with the terms, conditions or covenants of this Agreement, or any damages, costs and expenses caused by, resulting from, or arising out of the negligent act or omission of the Consultant in the performance of the services under this Agreement including, without limitation, any error or deficiency in the report or other documents prepared by the Consultant. Within seven (7) days, the City Representative shall provide a written statement to the Consultant of the off-set which has been subtracted from any payment to the Consultant along with appropriate documentation and receipts, if any, and a description of the failure, error or deficiency attributed to the Consultant. The Consultant may dispute the right or amount of the off-set made by the City by providing written notification to the City within fourteen (14) days after receipt of the City's written notice. The City Representative shall provide a written response to the Consultant within seven (7) days of receipt of the Consultant's written dispute notice. If the Consultant disputes the City Representative's determination, the Consultant may file a claim pursuant to Section 10.20 of this Agreement.

**7.06 Final Payment.** Upon completion of the services required under this Contract, and acceptance thereof by the City (which acceptance will not be unreasonably withheld), the Consultant will, within sixty (60) days of the City's acceptance, be paid the balance of any money due for such services.

## SECTION EIGHT PERFORMANCE SCHEDULE

**8.01 Performance Schedule.** The Consultant shall perform and complete the services required under this Contract according to the schedule (the "Performance Schedule") set forth in the Schedule of Performance, **Exhibit "C"** attached hereto. If the performance of services is delayed or submittals are not delivered in the time period as outlined in the Performance Schedule, the Consultant shall notify the City Representative in writing of the reasons for the delay and include a plan which brings the Consultant's performance into compliance with the Performance Schedule.

## SECTION NINE AUDIT: ACCESS TO RECORDS

**9.01 Records.** The City shall have the right to audit the Consultant's books, records and other documents directly pertinent to the performance of this Contract. The Consultant agrees to maintain books, records and other documents directly pertinent to performance of this Contract in accordance with generally accepted accounting principles and practices. The Consultant shall also maintain the financial information and data used to prepare or support the invoices submitted to the City. Audits conducted pursuant to this provision shall be in accordance with generally accepted auditing standards, procedures and guidelines of the City, or its designated representative. The City, or its duly authorized representatives,

shall have access to such books, records, and documents for the purpose of inspection, audit and copying. The Consultant will provide proper facilities for such access and inspection.

**9.02 Disclosure.** The Consultant shall be afforded the opportunity for an audit entrance and exit conference and an opportunity to comment and submit any supporting documentation on the pertinent portions of the draft audit report, and that the final audit report will include the written comments, if any, of the Consultant.

**9.03 Period of Maintenance.** The books, records and other documents under Sections 9.01 and 9.02 of this Contract shall be maintained for three (3) years after the date of the final payment for the services under this Contract. In addition, those records and other documents which relate to any arbitration, litigation or the settlement of any claim arising out of this Contract, or to which an audit exception has been taken, shall be maintained and made available until three (3) years after the date that the arbitration, litigation or exception has been resolved.

**9.04 Subcontract Provisions.** The Consultant agrees to include Sections 9.01 through 9.03 of this Contract in all its subcontracts directly related to performance of services specified in this Contract which are in excess of \$10,000.

## SECTION TEN MISCELLANEOUS PROVISIONS

**10.01 Suspension.** The City may suspend, without cause, the performance by the Consultant under this Contract for such period of time as the City, in its sole discretion, may prescribe by providing written notice to the Consultant. The suspension shall be effective as of the date set forth in the written notice. With such suspension, the City agrees to pay to the Consultant the amount of compensation, based on percentage of completion of the Project, earned as of the effective date of suspension less all previous payments. The Consultant shall not provide any further services under this Contract after the effective date of suspension until otherwise notified in writing by the City. In no event shall the City be liable to the Consultant for services in excess of the percentage of the Project completed at the time of suspension.

If, after notice to resume performance has been given by the City, the suspension was for a period in excess of ninety (90) days, which has resulted in an increase in the performance of this Contract to the Consultant and:

- (i) the Consultant was not a contributing cause for the suspension,
- (ii) the Consultant has not received an equitable adjustment under another provision of this Contract, and
- (iii) the Consultant could not mitigate the increase in the performance cost,

then the Consultant's fee shall be reviewed by the City and, if justified, equitably adjusted to provide for any additional expenses resulting from the suspension.

**10.02 Termination for Convenience.** The City reserves the right to terminate this Contract without cause or default on the part of the Consultant with ten (10) days' prior written notification to the Consultant served pursuant to Section 10.18 of this Contract. In the event of termination, without cause or default, the City agrees to pay to the Consultant the reasonable value for the services performed as of the date that notification of termination is received by the Consultant. In no event shall the City be liable to the Consultant for services in excess of the percentage completed at the time of termination.

**10.03 Termination for Cause or Other Resolution.**

**A. Default.** The occurrence of any of the following events shall constitute a default by the Consultant hereunder (herein "Event of Default"). If, during the term of this Contract, the Consultant:

- (i) defaults in the due observance and performance of any term, condition or covenant contained in this Contract,
- (ii) (a) voluntarily terminates operations or consent to the appointment of a receiver, trustee or liquidator of the Consultant for all or a substantial portion of its assets, (b) is adjudicated bankrupt or insolvent or files a voluntary petition in bankruptcy, or admits in writing to the inability to pay its debts as they become due, (c) make a general assignment for the benefit of creditors, (d) file a petition or answer seeking reorganization or an arrangement with creditors or take advantage of any insolvency law, or (e) if action shall be taken by the Consultant for the purpose of effecting any of the foregoing,
- (iii) allows any warrant, execution or other writ to be issued or levied upon any property or assets of the Consultant which continues unvacated and in effect for a period of thirty (30) days, or
- (iv) fails, in the judgment of the City, to provide the services hereunder properly and with proper dispatch in accordance

with the time schedule set forth in this Contract,

and the default continues five (5) days after written notice is given to the Consultant pursuant to Section 10.18.

**B. City's Rights.** Upon the occurrence of an Event of Default, and without prejudice to any other right or remedy it may have at law or equity, the City may:

(i) terminate this Agreement, suspend payment of all pending invoices otherwise due to the Consultant hereunder, and finish this Agreement by such means as deemed appropriate by the City, reserving the right to deduct from any balance due Consultant any additional cost of completing this Agreement. In the event the cost of finishing the Consultant's performance of this Agreement exceeds the balance due the Consultant, the excess shall be paid by the Consultant to the City within thirty (30) days of invoicing by the City,

(ii) terminate this Agreement, and the obligations imposed hereunder, including the obligation of any further payment for the services of the Consultant except for the reasonable value for the services performed to the date of termination, or

(iii) continue with performance by the Consultant and serve within a reasonable time after completion of the Agreement a notice of claim or dispute pursuant to the procedure set forth in Section 10.20.

In the event that the City elects to implement (i) above, the costs and expenses of completing this Agreement shall be computed and audited by the City's designated representative. The audit shall be conducted in accordance with generally accepted accounting principles and the cost thereof shall be paid by the Owner..

#### **10.04 Ownership of Documents.**

**A. Architectural Works.** To the extent that the Consultant's services involves the design of an architectural work as defined herein, the Consultant shall retain all common law and statutory rights of ownership, including copyrights, to the drawings and specifications prepared by the Consultant for this Project. The Consultant is deemed to be the author of the drawings and specifications as instruments of service to the City. Notwithstanding the foregoing, the Consultant hereby grants to the City the right to use (including the right of reproduction and use in the creation of new documents) the drawings and specifications for the purpose of completing the Project or for any subsequent maintenance, repair, renovation, remodeling or addition thereto. The rights granted herein to the City shall extend and include any new Consultant which the City may retain for the aforementioned purposes. The Consultant hereby releases the City, and any new Consultant retained by the City, for the aforementioned purposes, from any and all claims in connection with the use or reproduction of the drawings and specifications. The City agrees to waive any and all claims against the Consultant and to defend, indemnify and hold the Consultant harmless from and against any and all claims, losses, liabilities and damages arising out of or resulting from the City's use, reuse or alteration or the City's authorized use, reuse or alteration by any new Consultant or other agent of the City, of the Consultant's designs, drawings and specifications. The Consultant agrees to execute such documents reasonably deemed necessary by the City to implement the rights granted to the City pursuant to this subsection which may include written permission to make changes or modifications to the plans.

**B. Other Works.** To the extent that the Consultant's services does not involve the design of an architectural work and upon the City's payment for the services rendered by the Consultant, the City shall have all common law and statutory rights of ownership, including copyrights, to the plans, drawings, specifications and other documents (including, without limitation, design concepts and sketches, test results, evaluations, reports and studies, excepting any proprietary forms, templates, and checklists specifically listed for City ownership exclusion elsewhere in this Agreement) (collectively herein the "Documents") prepared or assembled by the Consultant, or any of its subconsultants, for this Project. The Consultant hereby releases the City, and any new Consultant retained by the City, for the aforementioned purposes, from any and all claims in connection with the use or reproduction of the drawings and specifications. The City agrees to waive any and all claims against the Consultant and to defend, indemnify and hold the Consultant harmless from and against any and all claims, losses, liabilities and damages arising out of or resulting from the City's use, reuse or alteration or the City's authorized use, reuse or alteration by any new Consultant or other agent of the City of the Consultant's designs, drawings and specifications. The Consultant agrees to execute such documents reasonably deemed necessary by the City to implement the rights granted to the City pursuant to this subsection which may include written permission to make changes or modifications to the plans. The Consultant shall be entitled to retain a reproducible copy of the documents furnished to the City.

**C. Definition of Architectural Work.** For purposes of this Contract, "architectural work" shall have the same definition as set forth in Architectural Works Copyright Protection Act of 1990, P. L. 101-650, Title VII, Section 70 et. seq.

#### **D. Delivery of Documents.**

(i) In the event of the completion of this Agreement and upon the City's payment in the services rendered by the Consultant, the City shall have the right to require delivery of any and all of the plans, drawings, specifications, and all other documents

(including, without limitation, design concepts and sketches, test results, evaluations, reports and studies), including the magnetic or electronic media of the aforementioned documents, not in the possession of the City.

(ii) In the event of the suspension or termination of this Agreement, the Consultant shall have the right to invoice the City to request full payment for all services performed or furnished in accordance with this Agreement through the suspension or termination date. Any dispute regarding the amount of any payment to be made by the City under this Agreement shall not diminish, restrict or limit the right of the City to promptly receive delivery of any and all plans, drawings, specification, and all other documents (including without limitation, design concepts and sketches, test results, evaluations, reports and studies), including the magnetic or electronic media of the aforementioned documents, not in possession of the City. The Consultant may file a claim pursuant to Section 10.20 of this Agreement for any disputed payment claims.

**E. Confidentiality.** The plans, drawings, specifications and other documents (including, without limitation, design concepts and sketches, test results, evaluations, reports and studies) (including the magnetic or electronic media of the aforementioned documents) which are prepared or assembled by the Consultant, or its subconsultants, under this Contract shall not be made available to any individual or organization without the prior written consent of the City. Except for marketing pamphlets and submittals to clients, the Consultant shall not publish, submit for publication, or publicly display the Project without the written consent of the City. The obligations of confidentiality shall survive the termination of this Contract.

**F. Contractual Rights.** Notwithstanding the provisions of 10.04 A above, the City is hereby licensed to use all design concepts developed by the Consultant and subconsultants under this Agreement, including the right to construct derivative works of the Project, and to use the design concepts for other projects of the City. Provided, that however, none of the documents or materials are intended or represented by Consultant to be suitable for reuse by the City, or others on extension of the project or on any other project. Any reuse without written verification or adaptation by Consultant for the specific purpose intended will be at City's sole risk and without liability or legal exposure to Consultant. The City agrees to indemnify, defend and hold harmless Consultant for any claims related to the City's or City's authorized use of the design concepts developed by the Consultant. The design concepts include, but are not limited to, the form, aesthetic appeal, site layout, the arrangement and composition of spaces and elements, the use of colors and materials, system designs, construction methods and interior design.

**10.05 Insurance.** The Consultant shall procure and maintain, at its own expense, during the entire term of this Contract, the following insurances:

**A. Worker's Compensation Insurance.** This insurance shall protect the Consultant and the City from employee claims based on job-related sickness, disease, or accident.

**B. Commercial General Liability Insurance.** This insurance shall protect the Consultant, its agents and vehicles used to provide the services required under this Agreement from claims of personal injury (including death) and property damage. Such coverage shall be in a minimum amount of \$1,000,000 combined single limit for the period of time covered by this Agreement. The Consultant's general liability insurance policies shall be endorsed to include the City as an additional insured. Any deductible or self-insured retention under the commercial general liability policy will be the sole responsibility of the Consultant and may not exceed \$10,000 without the written approval of the City. If the Consultant desires authority from the City to have a deductible in a higher amount, the Consultant shall so request in writing, specifying the amount of the desired deductible and making available for review the most current audited financial statements so that the City can ascertain the ability of the Consultant to cover the deductible from its own resources.

**C. Commercial Automobile Liability Insurance.** This insurance shall protect the Consultant from claims of limits no less than \$1,000,000 combined single limit per occurrence for bodily injury and property damage to include, but not be limited to, coverage against all insurance claims for injuries to persons or damages to property which may arise from services rendered by Company and any auto used to the performance of services under this Contract. The policy must insure all vehicles owned by the Company and include coverage for hired and non-owned vehicles. The Consultant's automobile liability insurance policies shall be endorsed to include the City as an additional insured. Any deductible or self-insured retention under the commercial automobile liability policy will be the sole responsibility of the Consultant and may not exceed \$10,000 without the written approval of the City. If the Consultant desires authority from the City to have a deductible in a higher amount, the Consultant shall so request in writing, specifying the amount of the desired deductible and making available for review the most current audited financial statements so that the City can ascertain the ability of the Consultant to cover the deductible from its own resources.

**D. Professional Liability Insurance (Errors and Omissions Coverage).** This insurance shall protect the Consultant from claims arising out of performance of professional services caused by a negligent act, error, or omission for which the insured is legally liable. Such coverage shall be in a minimum amount of \$1,000,000 for the period of time covered by this Agreement. Any deductible or self-insured retention under the professional liability insurance policy will be the sole responsibility of the Consultant and may not exceed \$100,000 without

the written approval of the City. If the Consultant desires authority from the City to have a deductible in a higher amount, the Consultant shall so request in writing, specifying the amount of the desired deductible and making available for review the most current audited financial statements so that the City can ascertain the ability of the Consultant to cover the deductible from its own resources.

**E. Cancellation or Modification of Coverage.** The Consultant's Commercial General Liability Insurance Policies shall automatically include or be endorsed to cover the Consultant's contractual liability to the City under this Agreement, and with respect to its Commercial General Liability Policy, to waive subrogation against the City, its officers employees and agents. The policies shall provide that the City will be given thirty (30) days' notice in writing of any cancellation of, or material change in, the policies.

**F. Certificates and Endorsements.** The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer and licensed by the State of Nevada. All deductibles and self-insured retentions shall be fully disclosed in the Certificate of Insurance. The Consultant shall deliver to the City's authorized designated representative named in **Exhibit "B"** (Required Submittals) certificates indicating that such insurance is in effect before any services are provided under this Agreement and renewal certificates not less than 30 days prior to the expiration date of any policy.

**G. Period of Coverage.** If the insurance coverage is underwritten on a "claims made" basis, the retroactive date shall be prior to or coincident with the date of this Agreement and the Certificate of Insurance shall state that coverage is "claims made" and the retroactive date. The Consultant shall maintain all insurance coverages specified in Section 10.05 for the duration of this Agreement and liability coverage as required by Section 10.05 for two years following completion of this Agreement.

**10.06 Indemnity.** Notwithstanding any of the insurance requirements set forth in Section 10.05, and not in lieu thereof, the Consultant shall defend, indemnify and hold the City, its Mayor, Councilmen, officers, employees and agents (herein the "Indemnities"), harmless from any and all claims (including, without limitation, patent infringement and copyrights claims), damages, losses, expenses, suits, actions, decrees, judgments, arbitration awards or any other form of liability (including, without limitation, reasonable attorney fees and court costs) (collectively herein the "Claims") to the extent that such Claims are caused by the negligence, errors, omissions, recklessness or intentional misconduct of the Consultant, its employees, subcontractors, agents or anyone employed the Consultant's subcontractors or agents, in the performance of this Agreement.

As part of its obligation hereunder, the Consultant shall, at its own expense, defend the Indemnitees against the Claims brought against them, or any of them, which is caused by the negligence, errors, omissions, recklessness or intentional misconduct of the Consultant, its employees, subcontractors or agents, for and against which the Consultant is obligated to indemnify the Indemnitees pursuant to this Section, unless the Indemnitees, or any of them elect to conduct their own defense which, in such case, shall not relieve the Consultant of its obligation of indemnification set forth herein. If the Consultant or the Consultant's insurer fails to defend the Indemnities as required herein, the Indemnitees shall have the right, but not the obligation, to defend the same and, if the Consultant is adjudicated by the trier of fact to be liable, the Consultant agrees to pay the direct and incidental costs of such defense (including reasonable attorney fees and court costs) which is proportionate to the liability of the Consultant.

As used in this Section 10.06, "agents" means those persons who are directly involved in and acting on behalf of the City or the Consultant, as applicable, in furtherance of the contract or the public work to which the contract pertains.

**10.07 Assignment.** The City and the Consultant each bind itself and its partners, successors, administrators and assigns to the other party of this Agreement and to the partners, successors, executors, administrators and assigns of such other party in respect to all covenants of this Agreement, except the Consultant shall not assign, sublet or transfer any obligation or benefit under this Agreement without the written consent of the City. Nothing contained herein shall be construed as creating any personal liability on the part of any officer or agent of the City.

**10.08 Waiver.** No consent or waiver, express or implied, by either party to this Contract, or of any breach or default by the other in the performance of any obligations hereunder, shall be deemed or construed to be a consent or waiver of any other breach or default by such party hereunder. Failure on the part of any party hereto to complain of any act, or failure to act of the other party, or to declare that other party in default hereunder, irrespective of how long such failure continues, shall not constitute a waiver of the rights of such party hereunder. Inspection, payment, or tentative approval or acceptance by the City or the failure of the City to perform any inspection hereunder, shall not constitute a final acceptance of the work or any part thereof and shall not release the Consultant of any of its obligations hereunder.

**10.09 Consultant Warranties.** The Consultant hereby represents and warrants that:

(i) it is financially solvent, able to pay its debts as they mature, and is possessed of sufficient working capital to complete this Contract; that it is experienced, competent, qualified and able to furnish the plant, tools, materials, supplies, equipment and labor which is used to perform the services contemplated by this Contract, and that it is authorized to do business in the City of Las Vegas and the State of Nevada,

(ii) it holds a license, permit or other special license to perform the services included in this Contract, as required by law,

or employs or works under the general supervision of the holder of such license, permit or special license,

(iii) its computer hardware, software, and firmware will continue functioning without interruption, and will continue to accurately process date, time, and data necessary to the performance of this Contract, and

(iv) it has, pursuant to the requirements of Resolution 79-99 adopted by the City Council on August 4, 1999, (effective October 1, 1999), as amended by resolution 105-99 (adopted by the City Council on November 17, 1999), disclosed on the form attached hereto as **Exhibit "G"** (Disclosure of Ownership/Principals) all of the principals, including partners, of the Consultant, as well as all persons and entities holding more than a one percent (1%) interest in the Consultant or any principals of the Consultant. If the Consultant, or its principals or partners, are required to provide disclosure under federal law (such as Securities and Exchange Commission or the Employee Retirement Income Act) and current copies of such federal disclosures are attached to **Exhibit "G,"** the requirements of this Section shall be deemed satisfied. During the term of this Contract, the Consultant shall notify the City in writing of any material change in the above disclosure on **Exhibit "G"** within fifteen (15) days of such change.

**10.10 Consultant's Employees.** The Consultant shall be responsible for maintaining satisfactory standards of competency, conduct and integrity, of personnel assigned to the Project, and shall be responsible for taking such disciplinary action with respect to such personnel as may be necessary. In the event the Consultant fails to remove any employee from the work of this Contract whom the City deems incompetent, careless or insubordinate, or whose continued employment on the work is deemed by the City to be contrary to the public interest, the City reserves the right to require such removal as a condition for the continuation of this Contract.

**10.11 Independent Contractor.** It is hereby expressly agreed and understood that in the performance of the services required herein, the Consultant and any other person employed by him hereunder shall be deemed to be an independent contractor and not an agent or employee of the City.

**10.12 Applicable Law.** This Contract shall be construed and interpreted in accordance with the laws of the State of Nevada.

**10.13 Compliance with Laws.** The Consultant shall in the performance of its obligations hereunder comply with all applicable laws, rules and regulations of all governmental authorities having jurisdiction over the performance of this Agreement including, without limitation, the Federal Occupational Health and Safety Act and all state and federal laws prohibiting and/or related to discrimination by reason of race, sex, age, religion or national origin.

**10.14 Severability.** In the event that any provisions of this Contract shall be held to be invalid or unenforceable, the remaining provisions of this Contract shall remain valid and binding on the parties hereto.

**10.15 Confidentiality.** The Consultant shall treat the information relating to the Project, which has been produced by the Consultant or provided by the City, as confidential and proprietary information of the City and shall not permit its release to other parties or make any public announcement or publicity release without the City's written authorization. The Consultant shall also require each subConsultant to comply with this requirement. The submission or distribution of documents to meet official regulatory requirements or for similar purposes in connection with the Project is not to be construed as publication relieving the Consultant of its confidentiality obligation imposed herein.

**10.16 Site Inspection.** The Consultant represents that it has visited the location of the Project and has satisfied itself as to the general condition thereof and that the Consultant's compensation as provided for in this Contract is just and reasonable compensation for performance hereunder including reasonably foreseen and foreseeable risks, hazards and difficulties in connection therewith based on such above-ground observations.

**10.17 Modification.** All modification, amendments, and change orders to this Contract are null and void unless reduced in writing and signed by the parties hereto.

**10.18 Notice.** Any written notice required to be given under Sections 1.01 through 10.24 of this Contract shall be deemed to have been given when the written notice is (i) received by the party to whom it is directed by personal service or (ii) deposited with the United States Postal Service, postage prepaid, addressed to the City Representative or the Consultant Representative, whomever is the proper recipient, and mailed to the address set forth in the introductory paragraph to this Contract.

**10.19 Prohibition Against Contingent Fees.** The Consultant warrants that no person or entity has been employed or retained to solicit or secure this Contract with the agreement or understanding that a commission, percentage, brokerage or contingent fee would be paid to that person. For breach or violation of this provision, the City shall have the right to annul this Contract without liability or, in its discretion, to deduct from the compensation to be paid to the Consultant, or otherwise recover, the full amount of such commission, percentage, brokerage or contingent fee.

**10.20**            ***Claim or Dispute Resolution.***

**A.        *Notice of Claim or Dispute.*** For each claim or dispute which the Consultant has against or with the City (except for any claim for an equitable adjustment under Section 3.02 which is subject to the 30-day limitation set forth therein), notice thereof must be submitted in writing to the City Representative within a reasonable time after the claim or dispute arises, but no later than thirty (30) days after final payment is made to the Consultant. The purpose of written notification is to place the City on notice so that proper measures can be taken to properly defend against the claim or dispute, and the failure to give such notice shall preclude the Consultant from subsequently mediating that particular claim or dispute pursuant to Section 10.20C of this Contract, and the Consultant shall have no further recourse against the City. Pending a final decision on the claim or dispute under Sections 10.20B or 10.20C, the Consultant shall proceed diligently with the performance of this Contract.

**B.        *Resolution by Management.*** The City Representative and the Consultant Representative shall meet within a reasonable time after receipt of the written notice received pursuant to Section 10.20A in an attempt to resolve the claim or dispute to the mutual satisfaction of the parties. If the matter is not disposed of by mutual agreement between the City Representative and the Consultant Representative, the claim or dispute shall be decided by the Director of Public Works, whose decision shall be reduced to writing and mailed or otherwise furnished to the Consultant. The decision of the Director of Public Works shall be final and conclusive unless, within thirty (30) days after the date on which the Consultant receives its copy of such decision, the Consultant mails or otherwise furnishes to the Director of Public Works a written request to mediate the claim or dispute, in which event the parties shall proceed pursuant to provisions of Section 10.20C. The failure to make such request shall preclude the Consultant from proceeding any further on the claim or dispute, and the Consultant shall have no further recourse against the City.

**C.        *Resolution by Mediation.*** Upon receipt of the request to mediate authorized pursuant Section 10.03B or Section 10.20B, the City and the Consultant shall come to an agreement as to the appointment of a mediator for purposes of hearing the appeal. If the parties cannot agree upon an independent private mediator within 45 days after notice of the receipt of the request to mediate, the party may proceed to file a judicial action with the Eighth Judicial District Court, Clark County, Nevada. The mediation shall take place in Clark County, Nevada, unless otherwise agreed to by the parties. The fees and expenses of the mediator shall be equally shared by both parties. Each party is responsible for their own costs, expenses, Consultant fees and attorney fees incurred in the presentation or defense of any claim, dispute or controversy that is subject to mediation between the parties. The decision of the mediator shall be non-binding.

**D.        *Right of Judicial Action.*** Any claim, dispute, or other matter in question between the parties concerning any provisions of this Contract that cannot otherwise be resolved between the parties through the use of mediation required herein may be submitted for judicial action. Prior to the exercise of this right, the party seeking judicial relief shall have provided the other party 30 days prior written notice before filing such judicial action.

**10.21**            ***Attorney Fees.*** The City or the Consultant as the prevailing party that brought any litigation or arbitration to enforce the provisions of this Agreement shall be entitled to reasonable attorney fees and court costs.

**10.22**            ***Calendar Day.*** All references in this Contract to days are to calendar days unless otherwise indicated.

**10.23**            ***Exhibits.*** All exhibits referenced in this Contract are hereby incorporated by this reference as a part of this Contract. Any conflict between the provisions of this Contract and the Exhibits incorporated herein shall be governed by the provisions of this Contract.

**10.24**            ***Counterparts; Electronic Delivery.*** This Contract may be executed in counterparts, all such counterparts will constitute the same contract and the signature of any party to any counterpart will be deemed a signature to, and may be appended to, any other counterpart. Executed copies hereof may be delivered by facsimile or e-mail and upon receipt will be deemed originals and binding upon the parties hereto, regardless of whether originals are delivered thereafter.

10.24.1 **Contract Version.** This document reflects the current standard provisions for the City's Professional Services Contract updated as of December 19, 2013.

IN WITNESS WHEREOF, the parties have caused this Contract to be executed the day and year first above written.

CITY OF LAS VEGAS

CONSULTANT

By \_\_\_\_\_  
Yolanda Jones, Manager, Purchasing & Contracts

By \_\_\_\_\_  
Kenneth Ackeret, Ph.D., P.E, Senior Vice President

ATTEST

\_\_\_\_\_  
Beverly K. Bridges, MMC, City Clerk      Date

APPROVED AS TO FORM

John S. Ridilla      2/19/14  
Deputy City Attorney      Date

John S. Ridilla  
Deputy City Attorney

**LIST OF EXHIBITS**

EXHIBIT “ A ” SCOPE OF SERVICES

EXHIBIT “ B ” REQUIRED SUBMITTALS

EXHIBIT “ C ” PERFORMANCE SCHEDULE

EXHIBIT “ D ” FEE BREAKDOWN

EXHIBIT “ E ” ADDITIONAL COMPENSATION

EXHIBIT “ F ” KEY PERSONNEL LIST

EXHIBIT “ G ” DISCLOSURE

**EXHIBIT “A”**

**SCOPE OF SERVICES**

**ARTICLE 100: GENERAL INFORMATION**

**100.1 Project Overview**

**100.1.1 Project Overview Description**

The Scope of Services to be provided under the terms of this Agreement addresses the design and preparation of Contract Drawings, Special Provisions, and Cost Opinions for the design of pedestrian solar powered activated flashers, traffic signals, and modifications to curb ramps and medians at the locations listed in the table below.

**PROPOSED INTERSECTION IMPROVEMENTS**

INTERSECTION LOCATION	PROPOSED IMPROVEMENTS
1. Bonanza Rd./Lillian St.	New pedestrian activated overhead flasher and curb ramps and/or curb return reconstruction on NWC and SWC. Remove existing light pole and luminaire in SWC. New XXA poles and dual luminaires on both corners. City to provide a base mapping shell. May need some supplemental survey. Easements may be needed. The pedestrian flasher shall be solar powered with wireless flasher communication, and the proposed dual luminaires shall be connected to existing streetlight circuit.
2. Town Center Dr./Spring Gate Ln.	New overhead dual RRFB. Overhead pole or poles shall be located in center median. Overhead flasher shall be solar powered with wireless communication. This crossing will be a two stage flasher operation with a median refuge. New 1A (15 ft) pole on NEC for pedestrian flasher, solar panel, and signing. New 1A (15 ft) pole on the NWC, for flasher, signing and solar panel. Existing light pole on NWC shall be removed. Minor sidewalk or concrete work required in NWC and NEC. The City to provide a base mapping shell. Design shall follow current Summerlin Design Standards.
3. Rancho Dr./Redondo	Add new pedestrian curb ramps in the NEC and SEC, and upgrade the ramps on the NWC and SWC to ADA standards, and modify medians to allow for pedestrian refuge /cut through. New pedestrian activated overhead flashers for northbound and southbound approaches. New XXA poles on NEC and SWC. New 1A (15 ft) flasher poles in NWC and SEC. Will Need an NDOT permit. City to provide base mapping shell. Will also need supplemental survey.
4. Decatur Blvd./Eldora St.	Develop 2 alternatives. Alternative one shall be for a 2-stage HAWK signal with raised tack down median construction. Layout shall accommodate a SU-30 design vehicle. New curb ramps will be required in the NEC and NWC. A retaining wall will be required in the NWC. Will also include relocating the northbound and southbound bus stops. Alternative two shall be a full traffic signal design with new tack down median. New curb ramps will be required on all four quadrants, and a curb bulb-out will be required in the NWC. Will also include relocating the northbound bus stop. Will require coordination with Clark County. Survey will be required.
5. Sahara Ave./Las Verdes St.	New pedestrian activated post mounted flasher with 1A (15 ft.) poles in the NWC and SWC, and median on west leg. The pedestrian flasher shall be solar powered with wireless flasher communication. Review Sahara BRT landscaping during pole placement to identify and avoid any sight line restriction. Existing Sahara BRT mapping will be used. An NDOT permit will be required.

The design will include all of the above intersections in one single bid package. It is assumed there will be no landscape upgrades to any of the intersections or medians.

**100.2 Construction Cost Budget**

**100.2.1 Construction Cost Budget:** The construction budget for this project is \$800,000.00

### **100.3 Project Contact Information**

- 100.3.1** The City Engineer or their authorized representative is hereby designated as the City's Representative with respect to this Contract. The City's Representative shall have complete authority to transmit instructions, receive information, interpret and define the City's policies and decisions with respect to the services of the Consultant. All inquiries concerning the project should be directed to the City Engineer or his authorized representative and the Consultant should not contact internal units of the City unless directed to do so. This policy is effective throughout the life of the project.
- 100.3.2** The Consultant's Representative is hereby designated as the Consultant's Project Manager listed in Exhibit "F", who shall be responsible for the services required under this Contract. All of the services specified by this Contract shall be performed by the Consultant's Representative, or by the associates and employees identified in the Consultant's proposal provided that such associates and employees perform under the personal supervision of the Consultant's Representative. All employees identified in the Consultant's cost proposal shall be subject to approval by the City's Representative. Should the Consultant's Representative, or any associate or employee, be unable to complete his or her responsibility for any reason, the Consultant will replace the employee with a qualified person approved by the City. If the Consultant fails to make a required replacement within thirty (30) days, the City may terminate this Contract for default.

### **100.4 Plan Control and Standards**

- 100.4.1** All plans, designs, specifications and estimates shall conform to the City standard practices, which are based on the latest edition of the following documents:
- 100.4.1.1** Policy on Geometric Design of Highways and Streets (AASHTO)
  - 100.4.1.2** Uniform Standard Specifications for Public Works' Construction, Off-Site Improvements, Clark County Area, Nevada
  - 100.4.1.3** Uniform Standard Drawings for Public Works' Construction, Off-Site Improvements, Clark County Area, Nevada, Volume I and Volume II
  - 100.4.1.4** Nevada Department of Transportation (NDOT) Standard Plans for Road and Bridge Construction and NDOT Standard Specifications for Road and Bridge Construction
  - 100.4.1.5** Manual on Uniform Traffic Control Devices
  - 100.4.1.6** Clark County Regional Flood Control District's Hydrologic Criteria and Drainage Design Manual
  - 100.4.1.7** Las Vegas Valley Flood Control Master Plan Update (MPU), current edition
  - 100.4.1.8** Central Neighborhood Flood Control Master Plan, Volume I & II, March 2005
  - 100.4.1.9** Las Vegas Valley Water District (LVVWD) Rules and Regulations
  - 100.4.1.10** Uniform Design and Construction Standards for Water Distribution Systems, Clark County, Nevada
  - 100.4.1.11** Design and Construction Standards for Wastewater Collection Systems, Southern Nevada
  - 100.4.1.12** Freeway and Arterial System of Transportation (FAST) standards
- 100.4.2** The design criteria for the following agencies will also be adhered to: City of Las Vegas Sanitary Sewer Planning, Traffic Engineering, and Flood Control; Clark County Regional Flood Control District ("CCRFCD"); Nevada Department of Transportation ("NDOT"); Las Vegas Valley Water District ("LVVWD"); and local utility providers.

### **100.5 Changes to Scope of Services**

- 100.5.1** If increased scope or workload is encountered, the Consultant is to notify the City in writing and receive written confirmation to proceed prior to the performance of any work related to the increased scope or workload.
- 100.5.2** The City Engineer or their authorized representative may at any time, only by written order, make changes which may result in an increase or decrease in the services to be performed by the Consultant. If the changes requested by the City cause an increase or decrease in the cost or time required to perform any of the services required hereunder, an equitable adjustment shall be made in the compensation to be paid to the Consultant under Section Seven, or in the time of performance under Section Eight, or both, and this Contract shall be modified in writing accordingly. Any claim for adjustment under this Section must be asserted in writing within thirty days from the date of receipt by the Consultant of written notification of the changes to the services to be provided by the Consultant unless the City grants in writing a further period of time. Failure to assert such claim within the time limit provided herein shall constitute a waiver of any right to seek any equitable adjustment in compensation with respect to that change.

### **100.6 Responsibilities of the Consultant**

- 100.6.1** The Consultant shall provide a set of Plans and Special Provisions, for the project described in Section 100.1.1, that are whole and complete, technically accurate, biddable and constructable, meeting the City's reasonable needs and expectations. All design, re-design, coordination, permitting, quality control review, meeting attendance, bid phase assistance, travel, reproduction, computer use or similar items that could reasonably be anticipated which are not limited or excluded elsewhere in this contract or listed specially in additional

services, shall be provided by the Consultant for the basic services fee agreed to herein whether they are specifically listed in this scope of services or not.

- 100.6.2** The Consultant agrees to include in all its subcontracts related to the Project, and require the same of all subConsultant contracts at all tiers, the provisions of this Contract related to the City's and Consultant's rights (including copyright), ownership and uses of the concepts, designs, documents, intellectual property, and tangible property.
- 100.6.3** The Consultant and his sub-Consultants at all tiers agree to maintain copies of the latest version of each drawing, specification section, calculation, map, survey, report, and other project document prepared under this Agreement, in a secure off-site location and to restore these documents upon need and to provide them to the City upon request. This backup obligation shall begin upon notice to proceed and extend continuously until one year after final payment of this Agreement has been made.
- 100.6.4** Where the Consultant specifies materials and equipment by brand names, provide three or more brand names with model numbers for each item specified. Where less than two suitable brand names/model numbers are commercially available state "or approved equal" and provide required documentation per NRS requirements to support single source selection.
- 100.6.5** Prior to each design submittal, check all documents for technical accuracy, compliance with applicable codes and ordinances, complete incorporation of all design review comments, and coordination within and between design disciplines. Each submittal shall be in accordance with the appropriate submittal requirements listed herein. Incomplete submittals shall be rejected. All costs associated with the re-submittal shall be borne by the Consultant.
- 100.6.6** The Consultant shall without additional compensation correct or revise any error or deficiencies in the plans, drawings, specifications or other related documents prepared by the Consultant.
- 100.6.7** The Consultant shall insure that the new design work contains no asbestos containing building materials of any kind.
- 100.6.8** The Consultant shall be responsible for all coordination with its subconsultants. Each submittal to the City shall be organized by discipline and shall be thoroughly crosschecked to avoid conflicts between Consultant and subConsultant documents. Vague references to project requirements on other discipline's plans shall not be permitted. Where references to others' plans are necessary for direction, reference notes shall specifically state the drawing number or specification section, as appropriate. It shall be the Consultant's responsibility to advise each subConsultant of this requirement.
- 100.6.9** The professional services to be rendered by the Consultant under this Contract shall be in conformance with applicable federal, state and local statutes, acts, rules, codes, ordinances, laws and regulations. These include but are not limited to the Americans with Disabilities Act (ADA) guidelines and requirements including conformance to any ADA provisions and guidelines that have been issued in "final form" regardless of their adoption by the Department of Justice, municipal ordinances, and any other applicable Federal, state and local acts, rules, laws or regulations.
- 100.6.10** All work, including but not limited to drawings, specifications, and calculations, shall be provided by the Consultant for each and every part of the Project. When complying with NRS 338.140 by listing multiple manufacturers in the specifications, the Consultant shall review options with the City and select the most available, standard, or economical manufacturer's model to fully engineer and include in the bid documents. Should the contractor propose one of the other manufacturers listed in the specifications after award, the cost of the other listed manufacturer's affect on the documents and the construction shall be borne by the contractor, except that the Consultant shall have the duty to cooperate with the contractor in reviewing the proposal for design compliance (including the contractor provided structural calculations) and providing revisions to the Consultant's documents as required to accommodate the proposed change. Such revisions to the Consultant's documents may be an Additional Service, which shall be approved in writing by the City prior to the Consultant making any revisions and charged to the contractor by change order.
- 100.6.11** The Consultant acknowledges the City's requirement to incorporate the City's "Instructions to Bidders", "General Conditions" and "Special Provisions", incorporated herein by reference, into the Contract Documents prepared for bidding for the Project covered by this Contract. The Consultant further agrees to perform in accordance with the obligations stated in these referenced documents and agrees to include this provision in all sub-Consultant contracts. The Consultant acknowledges familiarity with the City's standard format, terms and conditions of these documents and that such document examples were made available to the Consultant upon request, prior to signing this Contract.
- 100.6.12** The City's approval of any documents or services furnished by the Consultant shall not in any way relieve the Consultant of responsibility for the professional and technical accuracy of its documents or services. The City's review, approval, acceptance or payment for any of the Consultant's services shall not be construed to operate as a waiver of any rights enjoyed by the City under this Contract or of any

cause of action arising out of the performance of this Contract. The Consultant shall remain liable in accordance with the terms of this Contract and applicable law for the damages to the City caused by the Consultant's negligent act or omission committed in the performance of this Contract.

#### 100.6.13 Plan and Special Provision Production and Submission

100.6.13.1 All Drawings shall be prepared using AutoDesk's AutoCAD Release 2004 or newer release in accordance with industry accepted standards. Specifications shall be prepared in City standard format using the software program Microsoft Word 2000 or newer release. The use of any other software for plan or specifications production requires prior written approval from the City's Representative.

100.6.13.2 All drawing submittals, except the final submittal, submitted by the Consultant will be printed on white bond paper. The final construction drawings will be printed on 4 mil, double matte mylar. All full size reproducible copies will be on 24" x 36" sheets (with 22" x 34" border) and all half size reproducible copies shall be on 11"x17" sheets (representing true half size of the full size plans). **Plans that do not meet these requirements will not be accepted.**

100.6.13.3 Special Provision format will follow the City standard provided to the Consultant. Special Provisions shall be stamped and signed by the appropriate design professional. **Special Provisions that do not meet these requirements will not be accepted.**

100.6.13.4 Within five business days of the hard copy design submittal, for each design submittal, the Consultant will submit electronic files of the AutoCAD files, including drawings and data files, and an Adobe Portable Document Format (PDF) file, 11"x17" print size, for each plan sheet submitted. For the 30% Submittal, Adobe PDF files will only be required for the Design Report and will not be required for the roll plot submittal. In addition, the Consultant will submit electronic files of the Special Provisions in Microsoft Word format and one comprehensive Adobe PDF file, with appropriate formatting, of the entire set of Special Provisions. All electronic files shall be submitted on either a CD-ROM or a DVD disk that can be read by any industry standard hardware. **If electronic files are not submitted within five business days of the hard copy design submittal, the City will consider the design submittal incomplete and may reject the submittal in its entirety. If rejected all costs for the resubmittal shall be borne by the Consultant.**

100.6.13.5 Prior to any electronic submittal, the Consultant shall, using commercially available software with current virus definitions, certify that electronic submittals are free of electronic "viruses", "worms", "Trojan horses", and other programs or data stored on the host computer or the electronic submittal. Should the City choose to check incoming electronic submittals for such afflictions, utilizing commercially available software and at the first indication of such an affliction, the entire electronic submittal will be considered unacceptable and will be returned to the Consultant. The Consultant shall remove the unwanted programs or the unwanted programs or data and further verify the integrity of the electronic submittal. The Consultant shall bear the expense of correction, checking and re-submittal and shall not be released from submittal requirements.

#### 100.6.14 Cost Opinions

100.6.14.1 The Consultant shall prepare and provide a detailed Construction Cost opinion with each submittal. The cost opinion shall be prepared in CSI UniFormat II style or as otherwise directed by the City using the software program Microsoft Excel 2000 or newer release. The Consultant will provide unit costs, quantities and other estimating parameters for each component or work, reflecting current market conditions and costs. The Consultant will reconcile each successive opinion to the one provided at the preceding submittal. The Consultant shall incorporate appropriate contingencies based on the completed level of design. **If the cost opinion is not included in the design submittal, the City will consider the design submittal incomplete and may reject the submittal in its entirety. If rejected all costs for the resubmittal shall be borne by the Consultant.**

#### 100.6.15 Construction Change Orders

The City has a formal construction contract change order approval process. Proposed change orders are negotiated and reviewed by City Engineering and Construction Management staff (and the construction management Consultant when one has been retained). Change orders are then reviewed for approval by the City Change Order Committee. Part of that approval process will be checking a box on the Change Order Tracking Form indicating the reason for the change order based on information available to the committee at that time. If the change order appears to relate to a Consultant design deficiency then either the Reason Code box "E&O Value" or "E&O No Value" will be checked. "E&O" value will be checked if it appears the apparent design deficiency results in added cost to the project but all, or a substantial part, of that cost would have been incurred in the original bid if the deficiency did not exist. "E&O No Value" will be checked if it appears that little or no cost to the project would have occurred if the deficiency did not exist. The City may use this data, as well as any other relevant data, in exercising its rights under this Contract to seek compensation for Consultant errors and omissions.

The City will make reasonable efforts to copy all approved change orders (with the tracking form included) and construction change directives to the Consultant in order to provide the Consultant an opportunity to prevent similar instances from occurring on future projects, to allow the Consultant to review the potential for similar instances to occur during the progress of this project (and to work with City and Contractor to minimize the potential for future financial impacts when possible regardless of the reason code box checked) and to give advance notice to Consultant to prepare for potential financial impacts to the Consultant and/or for the Consultant to provide documentation to the City as whether the appropriate reason code box has been checked.

There may, at times, be a benefit for the Consultant to review change orders or construction change directives prior to final negotiation and approval. This could provide the Consultant with an opportunity, prior to finalization, to determine that a proposed change order or construction change directive may be excessively priced, not a legitimate change in the scope of the Contractor's work, outside of the Consultant's scope of work, detrimental to the Consultant's design, uncoordinated with the Construction Documents, potentially harmful to public safety, or a violation of codes, laws and regulations. Therefore, the City will make reasonable efforts to notify the Consultant of possible change orders or construction change directives prior to final negotiation and approval. And to, when appropriate, request the Consultant to sign acknowledgement and concurrence on the final change order or construction change directive or to make formal revisions to the plans and/or specifications. However, given time constraints and the need to limit Contractor delay claims (that can often quickly exceed the cost of the change order), advance notice to the Consultant is not always possible or practical. And, in fact, potential change order work, including force account work, is sometimes allowed to proceed prior to any change order being drafted or reason code applied by City.

**100.6.16 The Consultant shall be responsible for performing all work necessary to complete the following schedule of work, more fully described in the following sections:**

Upon written agreement with both parties an intermediate design submittal may be changed in definition of percentage complete without change to the basic service fee amounts (for example changing the 70% submittal to a 50% submittal). The written agreement would detail any resulting change in billing schedule. Should an additional submittal be requested by the City (for example adding a 50% submittal in addition to a 30% and a 90% submittal) this work would be paid for in accordance with Section 3.01, 3.02 and 7.02 of this Contract.

**100.6.16.1 Article 101 – Preliminary and General Items**

**100.6.16.2 Article 102 – Schematic Design Phase**

**100.6.16.3 Article 103 – 60% Design Phase**

**100.6.16.4 Article 104 – 100% Design Phase**

**100.6.16.5 Article 105 – Bid Phase**

**100.6.16.6 Article 106 – Construction Phase**

**100.7 Responsibilities of the City**

**100.7.1 The City shall be responsible for the following:**

**100.7.1.1** Shall furnish a copy to, or make available for examination or use by, without a fee, the Consultant, any documents and data which the City has available including, reports, maps, plans, specifications, surveys, records, ordinances, codes, regulations, other documents related to the services required under this Contract. The City shall assist the Consultant in obtaining data and documents from public agencies and from private citizens and business firms whenever the City determines that such material is necessary for the completion of the services required by this Contract.

**100.7.1.2** Access arrangements for the Consultant to enter upon City owned property as required to perform their services.

**100.7.1.3** Acquire any property, authorizations to enter property, easements, or other project rights required to construct the Project

**100.7.1.4** Provide and conduct bidding activities, including printing and distribution of bid and construction documents, except as specifically required to be provided by the Consultant in this Scope of Work

**100.7.2 The City's Review Process**

- 100.7.2.1 Upon receipt of any documents furnished by the Consultant, the City Representative shall conduct a preliminary review of such documents and determine whether the documents comply with the scope of the Project. After the preliminary review, if the City Representative determines that the documents are insufficient, inadequate, or incomplete, the City shall notify the Consultant and request documents which are professionally complete and appropriate for each service phase submitted. The decision by the City Representative in this matter shall be final.
- 100.7.2.2 If the City Representative determines, after requesting the Consultant to provide corrected and professionally complete Phase submittals, that the documents remain insufficient, inadequate, or incomplete, the City may: (i) declare the Consultant in default, or (ii) demand a letter of explanation from the Consultant as to the reason the furnished documents are insufficient, inadequate or incomplete. If the City elects the second option, the Consultant, at Consultant's own expense, shall furnish additional sets of all documents that are sufficient, adequate and complete in the discretion of the City Representative for review by the City. The Consultant, at Consultant's own expense, shall attend any meeting, whether formal or informal, including the City Council meeting when requested by City to explain the reason the Consultant presented inadequate, insufficient, or incomplete documents to the City, and the delay, if any, that such submittal and re-submittal may cause in completion of the Project.
- 100.7.2.3 The City's review period in the Project Schedule shall not begin until the City Representative determines that the documents presented by Consultant fully comply with the requirements. After the City Representative determines that the documents comply with such requirements, the City shall begin a review of the documents.
- 100.7.2.4 After the City reviews the documents, one or several set(s) of the documents shall be returned to the Consultant with comments and corrections noted thereon. The Consultant shall make the changes necessitated by the corrections or other comments into the documents, and return the correction set(s) with the corrected documents, together with written responses to the City's correction(s), comments(s), and change(s), which state the action taken and reason for such action for each item presented by the City.

#### ARTICLE 101: PRELIMINARY AND GENERAL ITEMS

##### 101.1 Project Management

- 101.1.1 Project management will include work necessary for communication and completion of the project tasks on time and within budget. The Consultant's Project Manager or their primary duties will not be reassigned without the written consent of the City's Project Manager. The Consultant's staff will have the training and expertise necessary for the work tasks to which they are assigned.
- 101.1.2 The Consultant will provide invoices in the standard format provided by the City's Representative. Invoices will be accompanied by a cover letter explaining the general status of the project, including at a minimum the work completed to date, the anticipated remaining efforts and required schedule changes; progress report form; supporting data for direct expenses (when specified expenses are allowed per Exhibit D, herein); and an updated project status report reflecting Scope of Work activities identified by the City Representative.
- 101.1.3 On a weekly basis, or a time frame approved by the City's Representative, the Consultant's Project Manager will update the City Representative with regards to the status of the project schedule, budget and general status/progress. This task is in addition to Design Progress Meetings and may be performed in a phone, email or mailed correspondence as approved by the City Representative.

##### 101.2 Kick-Off Meeting and Design Progress Meetings

- 101.2.1 Consultant shall prepare an agenda and schedule and attend a kick-off meeting with the City and other agencies as required within ten calendar days of the issuance of the Notice to Proceed. This meeting will be held to review the scope of work, discuss data and information provided by the City, review the project schedule (prepared by the Consultant using Microsoft Project or software approved by the City's Representative), introduce key personnel, establish lines of communications and clarify the City's and other government agency requirements for the Project, and identify any missing data and information necessary to proceed with the Project. Within five business days following the kick-off meeting, the Consultant will prepare and distribute draft meeting minutes to the City's Project Manager and meeting attendees (an e-mail to the City's Representative of the draft minutes is acceptable). The Consultant shall prepare and distribute final meeting minutes after the draft meeting minutes are approved by the City's Representative.
- 101.2.2 Deliverables: Project Kick-Off Meeting Agenda and copies for distribution at Kick-Off Meeting; Project Kick-Off Meeting Minutes.
- 101.2.3 Consultant shall attend approximately three (3) progress/coordination meetings to be held with the City, other relevant agencies and utility companies. Design Progress meetings shall be conducted on a monthly basis, or a time frame approved by the City's Representative, at the City's offices and will be attended by the Consultant's Project Manager, Project Engineer and other key personnel as determined to be necessary. Consultant shall prepare an agenda for each of the progress meetings. Within five business days following the

progress/coordination meeting, Consultant shall prepare and distribute draft meeting minutes to the City's Representative and meeting attendees (an email to the City's Project Manager and meeting attendees of the draft minutes is acceptable). The Consultant shall prepare and distribute final meeting minutes after the draft meeting minutes are approved by the City's Representative and after receipt of comments from all meeting attendees.

**101.2.4** Consultant will attend up to three (3) submittal/comment review meetings to be held with the City. Design submittal review meetings will be conducted following completion of the City's comment/response to construction documents.

**101.2.5** Deliverables: Design Progress Meeting Agenda and copies for distribution at Design Progress Meetings; Design Progress Meeting Minutes.

### **101.3 Utility and Agency Coordination**

**101.3.1** Consultant shall coordinate with all utilities and agencies having facilities within the limits of or adjacent to the Project throughout the duration of the project, this includes attendance to all related meetings. The Consultant will contact the utility companies and other governmental agencies early in the project to obtain information relating to the location, size and type of facilities owned by that Utility. The Consultant shall perform utility potholes, identify potential utility conflicts and meet with the affected utilities to ensure timely resolutions for the utilities conflicts. Utility companies and agencies to be contacted by the Consultant shall include, but are not limited to, the following:

**101.3.1.1** Clark County Regional Flood Control District ("CCRFCD")

**101.3.1.2** Clark County Department of Public Works

**101.3.1.3** City of Las Vegas departments, including but not limited to, Flood Control, Parks, Collection System Planning, Traffic Engineering, Field Operations, and Land Development

**101.3.1.4** Las Vegas Valley Water District ("LVVWD") and Southern Nevada Water Authority ("SNWA")

**101.3.1.5** Freeway and Arterial System of Transportation ("FAST")

**101.3.1.6** Utility providers, including but not limited to, NV Energy, Century Link, Cox Communications, Southwest Gas Corporation, AT&T Fiber Optic Cable

**101.3.1.7** Nevada Department of Transportation ("NDOT")

**101.3.1.8** Union Pacific Railroad ("UPRR"), and

**101.3.1.9** Other local and state agencies as required.

**101.3.2** The Consultant shall prepare a utility conflict schedule and pothole plan to advise the City's Representative of any utility conflicts, coordinate utility requests for information, monitor status of proposed utility projects within the projects limits and meet as required with utility companies to resolve conflicts. Major utility relocation design plans are not anticipated, unless otherwise mentioned in this scope of services, and will be paid for separately under Additional Services Tasks upon separate authorization by the City.

**101.3.2.1** Preparation of minor utility relocation plans, by the Consultant and coordination for incorporation of those prepared by the Utility Companies themselves, that were anticipated by the Consultant, or reasonably should have been, at the time of this Contract shall be considered incidental to this task and no other applicable design tasks.

**101.3.2.2** Coordination with utilities, incorporation of utility plans, and preparation of designs by the Consultant in relation to new services, connections for City facilities (such as power service for street lights and traffic signals and water hookups for City irrigation lines) that were anticipated by the Consultant, or reasonably should have been, at the time of this Contract shall be considered incidental to this task and no other applicable design tasks.

**101.3.2.3** Nothing in this section shall be construed as preventing this Exhibit "A" from specifically detailing the Consultant's scope for anticipated minor utility relocations and/or new service connections with individual tasks identified and associated man hours and costs shown in Exhibit "D" when warranted.

- 101.3.3 The Consultant shall coordinate with the City of Las Vegas' Land Development Services Section for current projects, encroachment agreements, covenants running with the land and any other mapping that may have an impact on the project.
- 101.3.4 The Consultant shall submit design plans for review from the various utility companies for the Schematic Design, 60%, and Pre-Final submittals.
- 101.3.5 The Consultant shall submit design plans for review and obtain approval signatures from the various utility companies on final mylar prints prior to submitting to the City of Las Vegas.
- 101.3.6 Consultant shall notify the City of any required utility, application, permit and review fees, which will be paid for by the City.
- 101.3.7 The City's Representative shall give approval of documents prior to being submitted to any regulatory agency for permit review and approval.
- 101.3.8 City Engineer's Office and the Traffic Engineering Division are NOT REGULATORY AUTHORITIES. The Consultant does hereby acknowledge, understand and agree that the City Engineer's Office, acting as the City's representative for purposes of the Project, does not have any control, authority or influence over the decisions or requirements of other departments of the City acting in a regulatory capacity including, but not limited to, the Building Department, Fire Department, and Planning Department of the City of Las Vegas. The City's representative acts in a capacity similar to that of a representative working for a private property owner which is to ensure that the City receives a quality product, delivered on schedule, for a fair price. Furthermore, the City Engineer's Office does not speak or act for any regulatory authority, nor does any regulatory authority speak or act for the City Engineer's Office. The Consultant agrees that its relationship with the regulatory authorities having jurisdiction over the Project is separate from its relationship with the City, and that the Consultant's interaction with each regulatory authority is to be conducted without assistance from the City.
- 101.3.9 Deliverables: Project Plans to be sent to the Utility Companies at each design level (Schematic, 60%, Pre-final, and final mylar's) with impacted utilities approval signatures.
- 101.4 Project Permits**
- 101.4.1 Consultant shall identify all permits needed for the Project. Consultant shall prepare all correspondences and permit applications for the regulating agencies and assist the City in obtaining required permits.
- 101.4.2 The following permits are anticipated for this project :
- 101.4.2.1 NDOT Encroachment Permit
- 101.4.2.2 UPRR Permit/Coordination
- 101.4.3 During the design process, the Consultant shall provide a permit matrix which will determine the permits needed for the Project. A summary matrix of required permits shall be prepared by the Consultant and included in the Design Report. Any required permits not contemplated in this scope of work will be paid for separately under Additional Services upon separate authorization by the City.
- 101.4.4 Deliverables: Matrix of require permits; correspondence; preparation of permit applications.

## ARTICLE 102: SCHEMATIC DESIGN PHASE

### 102.1 Survey

- 102.1.1 Research record information including plans, maps, deeds, notes and other relevant documents. Conduct a field survey to obtain physical evidence pertinent to the rights-of-way and adjacent boundaries of each requested site using conventional field surveying methods. All surveying will utilize the City of Las Vegas horizontal control network and vertical control will be based upon available City of Las Vegas Benchmark(s) tied to the North American Vertical Datum of 1988 (NAVD'88).
- 102.1.2 Surveyor will conduct a field design quality topographic survey to obtain physical evidence for each intersection at typical 50-foot cross-sections. Typical improvements to be obtained include, but are not limited to, curbing, sidewalks, above ground utilities, evidence of underground utilities (underground data such as inverts, pipe sizes, materials and top of nut elevations not required), area or street lighting, traffic lane striping, driveways, block walls or fences, signage and major landscaping features.

102.1.3 Surveyor will prepare a scaled drawing for each area containing rights-of-way, adjacent boundary lines and topographic features as outlined above.

102.1.3.1 The Consultant will coordinate any required private property access with the City's Representative.

## 102.2 Records Review, Information Research, Analysis of Data and Field Visit

102.2.1 Consultant shall review data and information from the City including assessor's maps, parcel maps, improvement plans, drainage studies, utility plans, geotechnical studies, aerial topographic mapping and land development mapping currently being processed by the City which will likely affect the Project. Consultant shall provide ongoing supplemental research of public records during Project development.

102.2.2 The Consultant will review all data collected to determine impact/significance with regard to the Project and incorporate useful information into the Project documents. The Consultant will also identify deficiencies in the data collected and make recommendations for additional information needed for the successful completion of the project.

102.2.3 The Consultant shall visit each proposed flasher and/or signal improvement site to verify existing field conditions, utilities, street improvements and other appurtenant items that may help in the development of the Project design. The Consultant will take pictures during the field investigation to document field conditions throughout the Project. The Consultant will also identify and verify the availability and condition of existing flasher or signal equipment including pull boxes, conduit, power sources, or other existing items that may be helpful during the development of the plans. The Consultant will also determine and verify proposed locations and layouts for proposed improvements.

## 102.3 Develop Design Alternatives for Decatur Boulevard and Eldora Street

102.3.1 The Consultant shall develop up to two (2) alternative designs for the intersection operations at Decatur Boulevard and Eldora Street. Alternative One shall be for a 2-stage HAWK signal with raised tack down median construction. The median design and curb returns shall accommodate a SU-30 design vehicle. New curb ramps will be required in the northeast and northwest corners of the intersection. A retaining wall will be required in the northwest corner. Alternative One will also include relocating the northbound and southbound bus stops. Alternative Two shall be a full traffic signal design with new tack down median. New curb ramps will be required on all four quadrants, and a curb bulb-out will be required in the northwest corner. Alternative Two will also include relocating the northbound bus stop.

102.3.2 Deliverables: Exhibits of each alternative plotted on 24"x 36" bond paper (5 Copies) and electronic PDF files of each exhibit.

## 102.4 Develop Schematic Design Phase Plans

102.4.1 The Consultant will develop base mapping and plan sheets at a scale of one inch equals twenty feet or at a scale approved by the City. If more detail is required, a scale of one inch equals ten feet or a scale approved by the City will be used. The base mapping for the proposed improvement areas will be developed from the aerial imagery and GIS shape files provided by the City for the following locations:

- Bonanza Rd./Lillian St.
- Town Center Dr./Spring Gate Ln
- Rancho Dr. /Redondo
- Sahara Ave./Las Verdes St

The Base mapping for Decatur Blvd./Eldora Street shall be developed from a field topographic survey. Supplemental field surveys will be required for all locations to establish line and grade for removal and construction items. Consultant will use the City's Right-of-Way Plats, Title Reports that the City has on file, Parcel Maps, Records of Survey, plats, GIS shape files and any other documentation necessary to identify and establish the right-of-way limits. Consultant will establish existing property lines and label all lots with the current owners name and APN and encumbrances in areas where right-of-way is to be acquired.

102.4.2 The Consultant will develop a cover sheet for the schematic plans. The cover sheet shall meet the Department of Public Works standards and requirements for cover sheets.

102.4.3 The Consultant shall develop removal and construction plan sheets for all locations except Decatur Blvd/Eldora St. The plan sheets will be developed to a schematic level of design. The sheets will generally include locations and extent of removals and construction items. Removal and Construction notes will not be included on these schematic plans.

- 102.4.4 The Consultant will develop flasher/signal improvement plan sheets for all locations except Decatur Blvd./Eldora St. The plans will be developed to a schematic level of design. The sheets will generally include pole locations, conduit runs, pavement markings, and signing.
- 102.4.5 The Consultant shall identify the need for easements required to accommodate poles, controllers, pull boxes, or other equipment required to make the proposed improvements at each location operational. Consultant shall prepare 24" x 36" exhibits, at a minimum 1" = 100' scale, that shall show schematically the project and identify all existing right-of-way and existing easements. Areas identified (preliminarily) for proposed right-of-way or easement acquisition shall be shown on the exhibit and differentiated from existing right-of-way by color coding. In addition, Consultant shall provide an example format of right-of-way legal descriptions and AEP exhibit format for review.
- 102.4.6 The Consultant shall develop a schematic level design cost opinion. The purpose of this cost opinion shall be to review the conclusions of the Schematic Design Phase Submittal and any other new scope, schedule and budget information available to the City in comparison to the basic assumptions of the Consultant and the City at the time this Professional Services Contract was executed. The construction cost opinion will be reviewed along with estimated engineering costs, construction management costs, right-of-way costs and other soft and hard costs available to the City to determine a total project costs estimate. Total Project Costs will be compared to total funding available known to the City. The Consultant will assist the City in determining if specific design and/or construction items should be considered for elimination or reduction to meet available funding.
- 102.4.7 The Consultant shall perform QA/QC reviews of the schematic design package. Any corrections identified during the reviews shall be addressed prior to submittal of the schematic plans.
- 102.4.8 The Consultant shall organize and print/plot materials, and prepare a package of deliverables for the schematic design phase.
- 102.4.9 Deliverables: Submit two (2) full size sets (24" X 36") and six (6) half size set (11" X 17") of the exhibits for each design alternative for Decatur Blvd/Eldora St.; two (2) full size sets (24" X 36") and six (6) half size set (11" X 17") of the exhibit showing easement requirements; two(2) full size sets (24" X 36") and six (6) half size set (11" X 17") of the Schematic Design Phase Plans; two (2) copies of the Schematic Design Cost Opinion.

**ARTICLE 103: 60% DESIGN PHASE**

**103.1 Address Review Comments.**

- 103.1.1 The Consultant shall address and incorporate comments received from the Schematic Design review and comment resolution meeting.

**103.2 Finalize Right of Way, Easement and Legal Descriptions**

- 103.2.1 For all right-of-way which must be acquired, Consultant shall prepare deeds and legal descriptions with property maps showing topographic areas, easements and vesting. Consultant shall coordinate with the City's Right-of-Way Section in the preparation of a right-of-way property schedule (all rights to be obtained or vacated, easements, rights of entry, construction easements as well as current status of the City's acquisitions) and regularly review and redline this schedule as to current status in coordination with the City's Right-of-Way Section. Where existing property is to be disturbed by construction, Consultant shall prepare 8 ½" X 11" exhibits to be sent to affected property owners showing the location of Authorization to Enter Property (AEP) and the nature of the construction. The Consultant assumes that all title reports will be provided or updated by the City.

**103.3 Prepare 60% Design Phase Plans**

- 103.3.1 The Consultant shall develop a General Notes Plan Sheet.
- 103.3.2 The Consultant shall review sight lines and make landscape trimming recommendations.
- 103.3.3 The Consultant shall continue to develop the Removal and Construction Plan sheets to a 60% design level. The plan sheets will generally include removal and construction notes, and appropriate annotation for a 60% level of design. The Removal and Construction Sheet for the Decatur Blvd./Eldora Street preferred alternative shall be included in the 60% plan sheets.

103.3.4 The Consultant will continue to develop the Flasher/Signal Improvement Plan Sheets to a 60% level of design. The plan sheets will generally include pole and conductor schedules, construction notes, and appropriate annotation for a 60% level of design. The Flasher/Signal Improvement Plan Sheets for the Decatur Blvd./Eldora Street preferred alternative shall be included in the 60% plan sheets.

103.3.5 The Consultant shall develop Construction Detail Sheets.

103.3.6 The Consultant shall evaluate the existing foundation design for a 10 foot 1-A traffic pole as detailed in the Blue book Standard Details, and determine if that design will accommodate a 15-foot 1-A pole plus traffic head equipment. If the current foundation detail is not adequate to accommodate a 15-foot 1-A pole plus traffic head equipment, then the Consultant shall design a new foundation to accommodate a 15-foot 1-A pole with traffic head equipment.

#### 103.4 Utility Potholing

103.4.1 Utility Potholing work for the Project shall include gathering horizontal and vertical location information (potholing) on subsurface utilities that may be in conflict with the Project improvements. A total of fifteen (15) potholes are anticipated to be performed for this Project. This task shall include the refinement of the utility conflict information, identification of utility relocations by others and incorporate subsurface utility engineering into the Contract Drawings. Potholes will be surveyed for horizontal location and shown on the plans. Patching of potholes will meet City of Las Vegas and NDOT (if applicable) requirements, including hot patches, polymer bag mix or concrete plug. No cold patches will be utilized.

103.4.2 For utilities that are concrete encased, Consultant will require the pothole sub-Consultant to perform two potholes: one to identify the top of the encasement and one to identify the bottom of the encasement. The two potholes will be performed on either side of the encasement to determine the width of the encasement. In such cases two potholes will be counted towards the total specified.

103.4.3 For conduit banks or multiple conduit banks as indicated by as-builts, redlines, paint markings, or as becomes apparent during potholing process the vertical and horizontal extent of banks will be determined. Payment for two (2) or more potholes in these circumstances may be authorized by the City. Consultant shall provide full-time inspection during the pothole process to confirm that the sub-Consultant has accurately located and correctly identified the utilities to be investigated.

103.4.4 Consultant shall conduct utility designation to identify, mark and survey the approximate horizontal location of surface and subsurface utilities within the project limits. Record and mark the horizontal location of existing poles and overhead facilities. All designation information shall be color coded and provided in an electronic format to match the municipalities CADD standards.

#### 103.5 The Consultant shall prepare 60% Draft Special Provisions.

103.5.1 The Project Special Provisions shall be submitted utilizing the City's standard boilerplate set of Special Provisions provided. The Project Special Provisions shall use the same format as the *Uniform Standard Specifications for Public Works' Construction Off-Site Improvements Clark County Area Nevada*. All items of construction shown on the 60% Project Plans shall be represented in the Special Provisions as bid items utilizing the corresponding related specification section's nomenclature. The applicable items shall be described for the method of "Measurement" and "Payment" subsection for each section.

#### 103.6 60% Design Phase Construction Cost Estimate

103.6.1 A Project cost opinion broken out, by bid item and plan sheet shall be prepared by the Consultant.

#### 103.7 QA/QC

103.7.1 The Consultant shall perform QA/QC reviews of the 60% Design package. Any corrections identified during the reviews shall be addressed prior to submittal of the 60% Design plans.

#### 103.8 60% Design Phase Submittal

103.8.1 The Consultant shall organize and print/plot materials, and prepare a package of deliverables for the 60% Design Phase.

103.8.2 Deliverables: Two(2) full size sets (24" X 36") and six (6) half size sets (11" X 17") of the 60% Design Plans; six (6) copies of the 60% Draft Special Provisions; two (2) copies of the 60% Design Construction Cost Opinion.

ARTICLE 104: 100% FINAL PLANS DESIGN PHASE

104.1 **Address Review Comments.**

104.1.1 The Consultant shall address and incorporate comments received from 60% Design Phase review and comment resolution meeting.

104.2 **Finalize 100% Plans Special Provisions and Estimate**

104.2.1 The Consultant shall finalize all plan sheets in the plan set.

104.2.2 The Consultant shall finalize the Special Provisions

104.2.3 The Consultant shall finalize the Construction Cost Opinion

104.3 The Consultant shall perform QA/QC reviews of the 100% Final Design package. Any corrections identified during the reviews shall be addressed prior to submittal of the 100% Final Design plans.

104.4 **100% Final Design Phase Submittal**

104.4.1 The 100% submittal will consist of two steps: (1) a **100% pre-final (bond) submittal** will be made for final comment by the City, and (2) the Consultant will incorporate all comments on the pre-final submittal into the **100% final (mylar) submittal**. Plan set mylars and copies sealed in accordance with NRS 625, sealed Special Provisions, including Bid Proposal and Construction Cost Estimate shall be submitted to the City. The Engineer's estimate broken out by bid item, and plan sheet will be submitted as a Microsoft Excel Work Sheet electronic file. The Consultant shall coordinate with utility companies and obtain all utility signatures on the Cover Sheet and elsewhere in the plans as required. Consultant shall submit a pre-mylar bond set of the final plans before preparing mylars for this project.

Deliverables for the 100% Pre-Final (Bond) Submittal: Submit ten copies of the half scale plans, two full size plans, five copies of the bound Special Provisions and 100% Pre-final Cost Estimate to the City. Submit four copies of 11" X 17" Construction Easement Maps and three sets of mail labels of property owners for any requested easements to the City;

104.4.2 Deliverables for the 100% Final (mylar) Submittal: One set of 24" X 36" mylar plan sheets stamped and signed by a Nevada P.E. which includes the cover sheet containing all approval signatures; One set of original Special Provisions (unbound) stamped and signed by a Nevada P.E.; One copy of the Final Cost Estimate in the City's Bid Schedule Format; Submit two copies of the half scale plans, bound Special Provisions and 100% Final Cost Estimate. One copy of the Final Plans shall be submitted to each of the Utility Companies; Electronic copies of both the plans (AutoCAD 2004 format) and Special Provisions (Microsoft Word format) shall be submitted to the City. PDF files of the final signed mylar plans and signed special provisions. The Engineer's estimate will be submitted as a Microsoft Excel Work Sheet electronic file.

END OF EXHIBIT "A"

**EXHIBIT “B”**

**REQUIRED SUBMITTALS**

**ARTICLE 200: GENERAL**

**200.1** When requested by the City electronic files shall accompany hard copies for all submittals referenced in this paragraph and unless otherwise directed by the City. All cost estimates shall be provided in Microsoft Excel format, all schedules in Microsoft Project format, all Special Provisions in Microsoft Word format, all Bid Schedules in Microsoft Excel format and all spreadsheets associated with additional service requests in Microsoft Excel format. Pdf submittals will not be accepted unless specifically requested by the City.

**200.2** All submittal requirements are outlined in Exhibit A – Scope of Services. Consultant shall refer to deliverables or other submittal requirements outlined in Exhibit A.

**200.3 Certificates of Insurance**

The Consultant shall deliver to Insurance Tracking Services, Inc. (ITS), the City’s authorized designated representative, a certificate of insurance with respect to each required policy to be provided by the Consultant under this Contract. The required certificates must be signed by the authorized representative of the insurance company shown on the certificate with proof that such person is an authorized representative thereof, and is authorized to bind the named underwriter(s) and their company to the coverage, limits and termination provisions shown thereon.

Submit certificates of insurance to:

City of Las Vegas  
C/O Insurance Tracking Services, Inc. (ITS)  
P.O. Box 21919  
Long Beach, CA 90801

Account Manager: Michael Palacios  
Phone: (888) 435-2955 ext. 503 • Fax: 562-435-2999  
Email: michael.palacios@instracking.com

A certified, true and exact copy of each of the project specific insurance policies (including renewal policies) shall be provided to the City upon request.

The Consultant shall promptly deliver to ITS a certificate of insurance with respect to each renewal policy, as necessary to demonstrate the maintenance of the required insurance coverage for the terms specified herein. Such certificate shall be delivered to ITS not less than 30 days prior to the expiration date of any policy and bear a notation evidencing payment of the premium thereof.

END OF EXHIBIT “B”

**EXHIBIT “C”**

**PERFORMANCE SCHEDULE**

**ARTICLE 300: NOTICE TO PROCEED**

- 300.1 The start date for the Consultant's scope of services shall be, without any further notice requirement, the date of this Contract signed by the parties. The Consultant shall perform the services required as expeditiously as is consistent with professional skill and care and the orderly progress of the Project. The Scope of Service set forth in this Contract and the compensation to the Consultant for said Scope of Services is based upon the Consultant and the City each performing its responsibilities in a timely manner.
- 300.2 *Performance Schedule.* The parties hereto have agreed to a general performance schedule (the "Performance Schedule") which is set forth herein. Subsequent to the execution of this Contract, the Consultant shall furnish to the City's Representative for approval a more detailed schedule of performance (herein the "Detailed Performance Schedule").
- 300.3 *Revised Performance Schedule.* If the Consultant's performance is delayed or the sequence of tasks changed, the Consultant shall notify the City's Representative in writing of the reasons for the delay or the change. The Consultant shall then prepare a revised General and Detailed Performance Schedule for submission to and approval by the City's Representative.

**ARTICLE 301: PERFORMANCE SCHEDULE**

301.1 The maximum allowed time to complete each phase of the work is shown in the following table:

PHASE	CALENDAR DAYS TO COMPLETE	REMARKS
SCHEMATIC DESIGN PHASE	60	After completion of the Kickoff Meeting
60% DESIGN PHASE	90	Upon Resolution of Schematic Design Comments
PRE-FINAL DESIGN PHASE	60	Upon Resolution of 60% Design Comments
MYLAR PHASE	45	Upon Resolution of Pre-Final Design comments
<b>TOTAL CALENDAR DAYS TO COMPLETE:</b>	<b>255</b>	

**ARTICLE 302: DESIGN AND PERMITTING SCHEDULE DELAYS**

- 302.1 The Consultant declares that they are experienced and knowledgeable with all governmental, agency, and utility company design approval processes, procedures, applications, fees, design standards, reviews, required corrective actions, and time schedules required for the Project, and that the schedule set forth for the Scope of Services is reasonable and achievable within these design approval parameters.
- 302.2 Although it is acknowledged that neither the City nor the Consultant have full control over these design approval processes, the Consultant shall be held accountable for any impacts to the City resulting from their actions or lack of actions, including but not limited to their failure to make timely submittals, their failure to routinely follow-up on submittals, their failure to notify the City of anticipated delays and required design changes, and their failure to process and re-submit comments and corrections received in a timely manner.

**ARTICLE 303: CONSTRUCTION**

303.1 No adjustments shall be made to the Post Construction Phase fee due to extended schedules.

END OF EXHIBIT “C”

**EXHIBIT “D”**

**FEE BREAKDOWN**

**ARTICLE 400: TOTAL COMPENSATION**

400.1 The total compensation to be paid to the Consultant for performance of this Contract including Basic Services, Additional Services, and Reimbursable Expenses shall not exceed **\$129,429.00**. Increases to total compensation may only be authorized by written amendment or change order to this Contract. This total compensation amount is comprised of the parts described in this Exhibit “D” (Fee Breakdown).

**ARTICLE 401: BASIC SERVICES PAYMENT BASED UPON COMPLETION OF TASKS**

401.1 The City agrees to pay the fixed fee attributable to each task and, if applicable, each subtask, set forth in Exhibit “A” (Scope of Services) which is completed by the Consultant. The Consultant agrees to perform the services necessary to complete each task and, if applicable, each subtask, for the amount of the fixed fee set forth in this Exhibit “D” (Fee Breakdown). Payment shall be made for completed tasks pursuant to monthly invoices submitted in accordance with this Contract. The fixed fee shall constitute the entire compensation to be paid to the Consultant regardless of the number of man-hours actually expended to complete the performance of the services set forth in Exhibit “A” (Scope of Services).

BASIC SERVICES		REMARKS
TOTAL NOT TO EXCEED COST	\$104,257.00	

- 401.1 The following table(s) show the breakdown of the Total Not to Exceed Cost for Basic Services by Task.
- 401.2 The table(s) show the fixed cost for each task along with the estimated hours to be expended by various Consultant personnel over the course of the Project for each of the various tasks, and/or the dollar value of the estimated hours. Although this table represents the basis for how the Total Not to Exceed Cost for Basic Services was established, the personnel, hours, and dollar value of the hours shown are not a part of this Contract and are not to be used as the basis for payment. The fee for each task is a fixed fee regardless of the number of man-hours expended to complete each task or the personnel used to perform the work.
- 401.3 The scope of work for each of the tasks may be adjusted by the City Representative over the course of the Project, including establishing new tasks or the deletion of listed tasks. The cost of these adjustments shall be calculated utilizing the rates agreed to in this Contract to the extent they are applicable.
- 401.4 The City Representative shall have the authority to make such work scope adjustments to the line item tasks contained within Basic Services without processing this Contract for an amendment or change order to be approved and signed by City Council or their designee, if (1) the revisions are documented in writing signed by the Consultant and City prior to performance, (2) the Total Not to Exceed Cost for Basic Services is not exceeded, and (3) the change(s) are within the scope of the Project.

EXHIBIT D-1: BASIC SERVICES FEE BREAKDOWN

TASK	DESCRIPTION	SENIOR ENGINEER	PROJECT MANAGER	P.E./LA	E.I./ANALYST	CLERIC	Hours Subtotal	Direct Expenses	Lump Sum Task Amounts
101	PRELIMINARY AND GENERAL ITEMS								
101.1.1	Project Management								
	Develop and Maintain Schedule (10 Months)	0	5	0	0	0	5	\$0.00	\$775.00
	Develop Invoices (10 Months)	0	5	0	0	10	15	\$0.00	\$1,475.00
	Communications with City Staff (10 Months)	0	10	0	0	0	10	\$0.00	\$1,550.00
101.2	Kick-Off Meeting and Progress Meetings								
101.2.1	Kickoff Meeting								
	Develop Agenda/Mtg Preparation	0	1	2	0	0	3	\$0.00	\$435.00
	Meeting Attendance	2	2	0	0	0	4	\$0.00	\$694.00
	Write and Distribute Mtg Notes	0	2	0	0	0	2	\$0.00	\$310.00
101.2.3	Progress Meetings - Three (3)								
	Develop Agenda/Mtg Preparation	0	2	3	0	0	5	\$0.00	\$730.00
	Meeting Attendance	0	3	3	0	0	6	\$0.00	\$885.00
	Write and Distribute Mtg Notes	0	3	6	0	0	9	\$0.00	\$1,305.00
101.2.4	Comment Review Meetings - Three (3)								
	Develop Agenda/Mtg Preparation	0	3	3	0	0	6	\$0.00	\$885.00
	Meeting Attendance	3	3	0	0	0	6	\$0.00	\$1,041.00
	Write and Distribute Mtg Notes	0	3	0	0	0	3	\$0.00	\$465.00
101.3	Utility and Agency Coordination								
101.3.1	Utility Coordination								
	Contact Utilities/Obtain as-built, utility info	0	1	0	5	0	6	\$0.00	\$705.00
	On-going communication/Coordination	0	2	2	8	0	12	\$0.00	\$1,470.00
	Prepare Utility Conflict Matrix	0	0	2	5	0	7	\$0.00	\$830.00
	Submit Plans to Utilities (3 Submittals)	0	3	0	6	3	12	\$0.00	\$1,335.00
	Respond To Utility Comments And Incorporate into Plans	0	1	4	9	0	14	\$0.00	\$1,705.00
	Obtain Utility Signatures On Final Mylar	0	0	0	8	0	8	\$0.00	\$880.00
	UPRR Coordination	0	2	1	0	0	3	\$0.00	\$450.00
	Clark County Coordination	0	6	6	0	4	16	\$0.00	\$2,050.00
101.4	Project Permits								
101.4.1	NDOT Encroachment Permit (2 Permits)								
	Pre Application Meeting with NDOT	0	0	4	0	0	4	\$0.00	\$560.00
	Obtain Required Materials and Data for Permit	0	0	2	3	0	5	\$0.00	\$610.00
	Prepare Colored Drawings (By Hand)	0	0	2	2	0	4	\$0.00	\$500.00
	Prepare and Submit Permit Package	0	0	2	3	0	5	\$0.00	\$610.00
200	Subtotal Hours	5	57	42	49	17	170		
200	Subtotal Fee	\$960.00	\$8,835.00	\$5,880.00	\$5,390.00	\$1,190.00		\$0.00	\$22,255.00

TASK	DESCRIPTION	PERSONNEL					Hours Subtotal	Direct Expenses	Lump Sum Task Amounts
		SENIOR ENGINEER	PROJECT MANAGER	P.E. / LA	E.I. / ANALYST	CLERIC			
102	<b>SCHEMATIC DESIGN</b>								
102.1	Survey	0	0	3	0	0	\$0.00	\$420.00	
	Coordinate with Surveyor in Field to Identify Required Survey Shots								
	Incorporate Survey into Base Mapping								
	Bonanza/Lillian (NW and SW Corners)	0	0	2	3	0	\$1,600.00	\$2,210.00	
	Rancho/Redondo (Curb ramps in all four quadrants)	0	0	2	4	0	\$1,450.00	\$2,170.00	
	Decatur/Eldora (Full Topo - Entire Site)	0	0	2	9	0	\$3,700.00	\$4,970.00	
102.2	Records Review, Information Research, Analysis of Data, And Field Visit								
	Collect, Organize and Review Data	0	0	2	4	0	\$0.00	\$720.00	
	Field Visit - Five (5) Sites	0	0	6	6	0	\$0.00	\$1,500.00	
	Incorporate Field Visit data into Basemapping And Plans	0	0	1	9	0	\$0.00	\$1,130.00	
102.3	Develop Design Alternatives for Decatur Blvd/Eldora St								
	Layout and Prepare Exhibit for proposed Improvements for 2-Stage HAWK Signal	2	1	2	10	0	\$0.00	\$1,919.00	
	Layout and Prepare Exhibit for proposed Improvements for Traffic Signal	2	1	2	10	0	\$0.00	\$1,919.00	
102.4	Develop Schematic Design Phase Plans								
	Update/Develop and Verify Base Mapping	0	1	3	10	0	\$0.00	\$1,675.00	
	Develop Cover Sheet	0	1	0	2	0	\$0.00	\$375.00	
	Develop Schematic Removal and Construction Sheets - Two (2) Sheets								
	Bonanza/Lillian (NW and SW Corners)	0	1	2	3	0	\$0.00	\$765.00	
	Rancho/Redondo (Curb ramps in all four quadrants, median)	0	1	3	4	0	\$0.00	\$1,015.00	
	Develop Schematic Flasher/Signal Improvement Sheets - Five(5) Sheets								
	Bonanza/Lillian	1	1	0	0	0	\$0.00	\$1,007.00	
	Town Center/Spring Gate	1	1	0	8	0	\$0.00	\$1,227.00	
	Rancho/Redondo	1	1	0	6	0	\$0.00	\$1,007.00	
	Sahara/Las Verdes	1	1	0	6	0	\$0.00	\$1,007.00	
	Identify Easement Needs/Requirements	1	1	2	4	0	\$0.00	\$875.00	
	Develop Schematic Level Construction Cost Opinion	1	2	3	3	0	\$0.00	\$1,252.00	
	QC/QA of Schematic Plans	7	3	0	6	0	\$0.00	\$2,469.00	
	Schematic Design Submittal	0	2	0	2	2	\$0.00	\$670.00	
102	Subtotal Hours	16	18	35	115	2			
102	Subtotal Fee	\$3,072.00	\$2,790.00	\$4,900.00	\$12,650.00	\$140.00	\$6,750.00	\$30,302.00	
103	<b>60% DESIGN PHASE</b>								
103.1	Address Comments From Schematic Design Phase Review								
	Address Comments From Schematic Design Phase Review	6	4	6	12	0	\$0.00	\$3,932.00	
103.2	Finalize Right of Way, Easements and Legal Descriptions								
	Finalize Linework for Easements	0	2	2	6	0	\$0.00	\$1,250.00	
	Prepare Deeds and Legal Descriptions (4 easements)	0	4	8	0	0	\$2,600.00	\$4,340.00	
	Coordinate with City Right of Way Section	0	2	6	0	0	\$0.00	\$1,150.00	
	Prepare Authorization to Enter Property (AEP) Exhibits (Assume 10 Exhibits)	0	1	4	10	0	\$0.00	\$1,815.00	
103.3	Prepare 60% Design Phase Plans								
	Develop General Notes Sheet	0	1	0	3	0	\$0.00	\$485.00	
	Develop 60% Removal and Construction Sheets - Four (4) Sheets								

TASK	DESCRIPTION	PERSONNEL						Hours Subtotal	Direct Expenses	Lump Sum Task Amounts
		SENIOR ENGINEER	PROJECT MANAGER	P.E./LA	E.I./ANALYST	CLERIC				
	Bonanza/Lillian (NW and SW Corners)	0	1	4	8	0	13	\$0.00	\$1,595.00	
	Rancho/Redondo (Curb ramps in all four quadrants, median)	0	1	4	10	0	15	\$0.00	\$1,815.00	
	Decatur/Eldora (Preferred Alternative)	0	2	8	16	0	26	\$0.00	\$3,190.00	
	Develop Flasher/Signal Sheets (6 Sheets)									
	Bonanza/Lillian	2	1	0	6	0	9	\$0.00	\$1,199.00	
	Town Center/Spring Gate	2	1	0	8	0	11	\$0.00	\$1,419.00	
	Rancho/Redondo	2	1	0	6	0	9	\$0.00	\$1,199.00	
	Decatur/Eldora	3	2	0	12	0	17	\$0.00	\$2,206.00	
	Sahara/Las Verdes	3	0	0	6	0	9	\$0.00	\$1,236.00	
	Develop Detail Sheets - Two (2) Sheets	0	2	4	10	0	16	\$0.00	\$1,970.00	
	Evaluate existing 15-foot 1-A pole foundation design	0	1	7	0	0	8	\$1.00	\$1,136.00	
103.5	Develop Draft Special Provisions	2	3	16	6	0	27	\$0.00	\$3,749.00	
103.6	Update Construction Cost Opinion	1	2	4	3	0	7	\$0.00	\$1,062.00	
103.7	QA/QC of 60% PS&E	7	3	3	5	0	18	\$0.00	\$2,779.00	
103.8	60% Design Submittal	0	2	0	2	2	6	\$0.00	\$670.00	
	103 Subtotal Hours	28	36	76	126	2	268			
	103 Subtotal Fee	\$5,376.00	\$5,580.00	\$10,640.00	\$13,860.00	\$140.00		\$2,601.00	\$38,197.00	
104	100% FINAL PLANS									
104.1	Address Comments From Schematic Design Phase Review									
	Address Comments From 60% Design Phase Review	4	4	4	10	0	22	\$0.00	\$3,048.00	
104.2	Finalize PS&E									
	Finalize Plan Sheets	3	3	7	14	0	27	\$0.00	\$3,561.00	
	Finalize Special Provisions	1	3	3	0	0	7	\$0.00	\$1,077.00	
	Finalize Construction Cost Opinion	0	1	2	0	0	3	\$0.00	\$435.00	
104.3	QC/QA of 100% PS&E	5	2	2	5	0	14	\$0.00	\$2,100.00	
104.4	100% Final Design Submittal									
104.4.1	Submit 100% Bond Final PS&E	0	2	0	2	4	8	\$0.00	\$810.00	
104.4.2	Mylar Submittal									
	Incorporate comments and finalize PS&E	1	2	2	4	0	9	\$0.00	\$1,222.00	
	Plot Plans to Mylar - Seal and Signature	0	1	0	3	0	4	\$250.00	\$735.00	
	Submit Final Mylar Plans, Specials, and Estimate to City	0	1	0	2	2	5	\$0.00	\$615.00	
	104 Subtotal Hours	14	19	20	40	6	99			
	104 Subtotal Fee	\$2,688.00	\$2,945.00	\$2,800.00	\$4,400.00	\$420.00		\$250.00	\$13,503.00	
	Total Basic Services Hours	63	130	173	330	27	723			
	Total Basic Services Fee	\$12,096.00	\$20,150.00	\$24,220.00	\$36,300.00	\$1,890.00		\$9,601.00	\$104,257.00	

**ARTICLE 402: ALLOWANCE FOR ADDITIONAL SERVICES**

- 402.1 A Not-To-Exceed Allowance for Additional Services is hereby established as set forth below. The City Representative has authority to pre-authorize in writing Additional Services up to the Total Not-To-Exceed Cost. Services performed prior to receiving the required written authorization or in excess of the Total Not-To-Exceed Cost shall not be obligated for compensation.
- 402.2 Additional Services are services provided in the interests of the Project that are not set forth in Exhibit "A" (Scope of Services).
- 402.3 The Consultant shall be compensated for Additional Services in accordance with the Additional Services fees set forth in Exhibit "E" (Additional Compensation), or if no Additional Service fee has been established for the service, in accordance with the Consultant Hourly Rates established in Exhibit "E" (Additional Compensation). Additional Service compensation disputes shall be resolved in accordance with the claims and disputes provisions of this Contract and shall not be cause for the Consultant to delay providing requested services. Payment shall be made for each completed Additional Service pursuant to invoices submitted in accordance with this Contract.
- 402.4 Reimbursable Expenses may be compensated from this Allowance for Additional Services to the extent they are allowed by Exhibit "E" (Additional Compensation). Payment shall be made for each completed Reimbursable Expense pursuant to invoices submitted in accordance with this Contract. Expenses not listed in Exhibit "E" (Additional Compensation) as allowed Reimbursable Expenses shall not be compensated without amendment or change order to this Contract to allow them as Reimbursable Expenses.
- 402.5 Increases to this Total Not-To-Exceed Cost for Additional Services may only be authorized by written amendment or change order to this Contract.

ADDITIONAL SERVICES ALLOWANCE		ALLOWED SERVICES
TOTAL NOT-TO-EXCEED COST	\$25,172.00	See list below.

- 402.5.1 Additional Services may include, but are not limited to, the following:
- 402.5.2 **Bid Phase Services** – Attend Pre Bid conference and assist City with request for responses. Attend Bid Opening.
- 402.5.3 **Construction Assistance** – As required by the City, Consultant shall attend pre-construction meeting, progress meetings during construction of the Project, review Contractor submittals, and response to RFIs.
- 402.5.4 **Utility Potholing** – As required by the City, Consultant shall provide utility potholing, prepare pothole location map and obtain information for subsurface utilities.
- 402.5.5 **Additional Design Services** – As required by the City, Consultant shall perform additional design services required for the Project.

END OF EXHIBIT "D"

**EXHIBIT “E”**

**ADDITIONAL COMPENSATION**

**ARTICLE 500: CONSULTANT HOURLY RATES**

500.1 The following hourly rates are to be used as the basis for negotiation of added and reduced services. These hourly rates are valid for the duration of the Project and include salary costs, overhead, administration and profit. The overhead included in these rates covers all support personnel who normally work on non-specific project tasks including but not limited to receptionists, senior executives together with their assistants, financial accounting personnel, and personnel maintaining facilities, equipment and computers.

CLASSIFICATION	RATE	UNIT
Senior Engineer	\$192	Per Hour
Project Manager	\$155	Per Hour
Professional Engineer	\$140	Per Hour
E.I. /Analyst	\$110	Per Hour
Clerical	\$70	Per Hour

**ARTICLE 501: SUB-CONSULTANT HOURLY RATES**

501.1 The following hourly rates are to be used as the basis for negotiation of added and reduced services. These hourly rates are valid for the duration of the Project and include salary costs, overhead, administration and profit. The overhead included in these rates covers all support personnel who normally work on non-specific project tasks including but not limited to receptionists, senior executives together with their assistants, financial accounting personnel, and personnel maintaining facilities, equipment and computers.

SUBCONSULTANT #1 Heritage Surveying	RATE	UNIT
Professional Land Surveyor	\$190	Per Hour
Supervising Land Surveyor	\$160	Per Hour
Project Land Surveyor/Field Crew Supervisor	\$135	Per Hour
Survey Technician I	\$110	Per Hour
Survey Technician II	\$90	Per Hour
Party Chief (Prevailing Wage)	\$180	Per Hour
Party Chief	\$135	Per Hour
2-Person Field Crew (Prevailing Wage)	\$220	Per Hour
2-Person Field Crew	\$175	Per Hour
2-Person Field Crew (Over-Time)	\$205	Per Hour
3-Person Field Crew	\$200	Per Hour
Project Coordinator	\$90	Per Hour
Clerical	\$75	Per Hour
Finish Floor Certificate	\$600*	* Depending Upon Location

**ARTICLE 502: SERVICES RATES**

502.1 The cost of the following potential future Additional Services have been negotiated as of the date of this Contract.

ADDITIONAL SERVICE	SUBMITTALS	SCHEDULE IMPACT	FIXED FEE
Reference the following Exhibit E-1: Additional Services Fee Breakdown.			\$0
			\$0
			\$0

- 502.2 These Additional Services Rates are valid for the duration of the Project and include salary costs, equipment, overhead, administration and profit.
- 502.3 For Additional Services of sub-Consultants, the City shall compensate the Consultant a multiple of **one (1.0)** times the amounts billed to the Consultant for such services. The Consultant may bill for their expenses in managing the Additional Service of sub-Consultants, the amount of which is already included in the above Additional Service Rates or, if not listed in the above Additional Service Rates, shall be approved by the City in writing prior to the Consultant or sub-Consultant providing the services.
- 502.4 The Consultant agrees to provide services in connection with the Project, which are in addition to those required by Exhibit "A" for Basic Services, as Additional Services if so requested by the City in writing. Such requests may included, but are not limited to, and are not necessarily indicated by this statement as being Additional Services rather than Basic Services: (i) significant changes in the Project's size, quality, complexity, budget, or time schedule, (ii) changes required due to conflicting instructions previously given by the City, (iii) changes required by the enactment or amendment to codes, laws or regulations subsequent to the preparation of such documents, (iv) services concerning the replacement of that portion of the Project damaged by fire or other cause, and (v) services made necessary by the default or failure of the Contractor including major defects or deficiencies in the construction.

EXHIBIT E-1: ADDITIONAL SERVICES FEE BREAKDOWN

TASK	DESCRIPTION	SENIOR ENGINEER	PROJECT MANAGER	P.E. / LA	E.I. / ANALYST	CLERIC	HOURS SUBTOTAL	Direct Expenses	Lump Sum Task Amounts
		\$192	\$155	\$140	\$110	\$70			
	<b>402 ADDITIONAL SERVICES</b>								
	<b>402.5.2 BID PHASE</b>								
	402.5.2.1 Pre-Bid Conference	0	2	2	0	0	4	\$0.00	\$590.00
	402.5.2.2 Bid Requests and Responses	2	2	6	0	0	10	\$0.00	\$1,534.00
	402.5.2.3 Bid Opening	0	2	0	0	0	2	\$0.00	\$310.00
	<b>402.5.2 Subtotal Hours</b>	<b>2</b>	<b>6</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>16</b>		
	<b>402.5.2 Subtotal Fee</b>	<b>\$384.00</b>	<b>\$930.00</b>	<b>\$1,120.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$0.00</b>	<b>\$2,434.00</b>
	<b>402.5.3 CONSTRUCTION PHASE</b>								
	402.5.3.1 Pre-Construction Meeting	0	2	2	0	0	4	\$0.00	\$590.00
	402.5.3.2 Submittal Review	0	2	6	0	0	8	\$0.00	\$1,150.00
	402.5.3.3 Construction Support Services	4	3	18	0	0	25	\$0.00	\$3,753.00
	<b>402.5.3 Subtotal Hours</b>	<b>4</b>	<b>7</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>37</b>		
	<b>402.5.3 Subtotal Fee</b>	<b>\$768.00</b>	<b>\$1,085.00</b>	<b>\$3,640.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$0.00</b>	<b>\$5,493.00</b>
	<b>402.5.4 Perform Potholing (Assume 20 Potholes)</b>								
	402.5.4.1 Prepare Pothole Plan	0	0	0	0	0	0	\$14,960.00	\$14,960.00
	402.5.4.2 Coordination with Potholing Sub	0	1	3	4	0	8	\$0.00	\$1,015.00
	402.5.4.3 Incorporate Pothole information into Plans	0	0	0	4	0	4	\$0.00	\$440.00
	<b>402.5.4 Subtotal Hours</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>13</b>	<b>0</b>	<b>19</b>		
	<b>402.5.4 Subtotal Fee</b>	<b>\$0.00</b>	<b>\$155.00</b>	<b>\$700.00</b>	<b>\$1,430.00</b>	<b>\$0.00</b>		<b>\$14,960.00</b>	<b>\$17,245.00</b>
	<b>Total Additional Services - Hours</b>	<b>6</b>	<b>14</b>	<b>39</b>	<b>13</b>	<b>0</b>	<b>72</b>		
	<b>Total Additional Services - Fee</b>	<b>\$1,152.00</b>	<b>\$2,170.00</b>	<b>\$5,460.00</b>	<b>\$1,430.00</b>	<b>\$0.00</b>		<b>\$14,960.00</b>	<b>\$25,172.00</b>

Contract No.:

ARTICLE 503: REIMBURSABLE EXPENSES

503.1 The following Reimbursable Expenses are allowed:

REIMBURSABLE EXPENSE
None authorized or anticipated as of the date of this Contract.

- 503.2 For Reimbursable Expenses of the Consultant, the City shall compensate the Consultant a multiple of **one (1.0)** times the actual direct costs incurred by the Consultant. The multiplier includes all compensation for overhead and profit.
- 503.3 Reimbursable Expenses are limited to specific pre-authorized items or services purchased from third parties to this Contract, dedicated to only this Project. Additions to the above allowed Reimbursable Expenses may only be granted as a written amendment or change order to this Contract.
- 503.4 If Reimbursable Expenses are established in this Contract as a fixed sum or a not-to-exceed amount, the Consultant has determined that this Reimbursable Expense amount will not be exceeded for the allowed Reimbursable Expenses for performance of the Services set forth in Exhibit "A" (Scope of Services), and accordingly does hereby assume the risk to complete the performance of this Contract without further compensation for Reimbursable Expenses should the costs exceed this fixed sum or not-to-exceed amount for Reimbursable Expenses
- 503.5 Travel and per diem expenses are included in the Basic Services Fees, Consultant Hourly Rates, Sub-Consultant Hourly Rates, and Additional Services Rates shown in this Contract, and may otherwise only be authorized as reimbursable expenses by written amendment or change order to this Contract.

END OF EXHIBIT "E"

**EXHIBIT “F”**

**KEY PERSONNEL LIST**

**ARTICLE 600: CITY PERSONNEL**

- 600.1 CITY REPRESENTATIVE: Joanna Wadsworth
- 600.2 CITY REPRESENTATIVE'S SUPERVISOR: Mike Janssen

**ARTICLE 601: CONSULTANT'S PROJECT STAFF**

601.1 The following personnel will be assigned by the Consultant to work on the Project. Any changes or additions require City approval.

- 601.1.1 CONSULTANT REPRESENTATIVE: Shannon Ahartz
- 601.1.2 CONSULTANT REPRESENTATIVE'S SUPERVISOR: Ken Ackeret
- 601.1.3 PROJECT MANAGER: Shannon Ahartz
- 601.1.4 **RESPONSIBLE IN CHARGE PERSON**  
List name of individual Engineer as licensed: Shannon Ahartz
- 601.1.5 **IN CHARGE PERSON'S STATE OF NEVADA LICENSE NUMBER**  
List Engineer license number: 021219

**ARTICLE 602: CONSULTANT'S SUBCONSULTANTS**

- 602.1 The following subconsultants will be contracted with and utilized by the Consultant to work on the Project. Any changes or additions require City approval.
- 602.1.1 LAND SURVEYOR: Heritage Surveying
- 602.1.2 POTHOLING: Horracks Engineering

END OF EXHIBIT “F”

**EXHIBIT “G”**

**CERTIFICATE  
 DISCLOSURE NOT REQUIRED - FEE IS \$25,000 OR LESS**

**1. Definitions**

“City” means the City of Las Vegas.

“City Council” means the governing body of the City of Las Vegas.

“Contracting Entity” means the individual, partnership, or corporation seeking to enter into a contract or agreement with the City of Las Vegas.

“Principal” means, for each type of business organization, the following: (a) sole proprietorship – the owner of the business; (b) corporation – the directors and officers of the corporation; but not any branch managers of offices which are a part of the corporation; (c) partnership – the general partner and limited partners; (d) limited liability company – the managing member as well as all the other members.

**2. Policy**

In accordance with Resolution 79-99 and 105-99 adopted by the City Council, Contracting Entities seeking to enter into certain contracts or agreements with the City of Las Vegas must disclose information regarding ownership interests and principals. Such disclosure generally is required in conjunction with a Request for Proposals (RFP). In other cases, such disclosure must be made prior to the execution of a contract or agreement.

**3. Instructions**

The disclosure required by the Resolutions referenced above shall be made through the completion and execution of this Certificate. The Contracting Entity shall complete Block 1, Block 2, and Block 3. The Contracting Entity shall complete either Block 4 or its alternate in Block 5. Specific information, which must be provided, is highlighted. An Officer or other official authorized to contractually bind the Contracting Entity shall sign and date the Certificate, and such signing shall be notarized.

**4. Incorporation**

This Certificate shall be incorporated into the resulting contract or agreement, if any, between the City and the Contracting Entity. Upon execution of such contract or agreement, the Contracting Entity is under a continuing obligation to notify the City in writing of any material changes to the information in this Certificate. This notification shall be made within fifteen (15) days of the change. Failure to notify the City of any material change may result, at the option of the City, in a default termination (in whole or in part) of the contract or agreement, and/or a withholding of payments due the Contracting Entity.

<b>Block 1</b>	<b><u>Contracting Entity</u></b>
Name	Kimley-Horn and Associates, Inc.
Address	6671 Las Vegas Boulevard, South, Suite 320 Las Vegas, NV 89119
Telephone	702-862-3600
EIN or DUNS	

<b>Block 2</b>	<b><u>Description</u></b>
Subject Matter of Contract/Agreement: Pedestrian Safety Upgrades – Package 1A, Flashers and Signals	
RFP #:	

<b>Block 3</b>	<b><u>Type of Business</u></b>		
<input type="checkbox"/> Individual	<input type="checkbox"/> Partnership	<input type="checkbox"/> Limited Liability Company	<input checked="" type="checkbox"/> Corporation

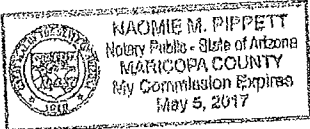
**CERTIFICATE – DISCLOSURE OF OWNERSHIP/PRINCIPALS  
(CONTINUED)**

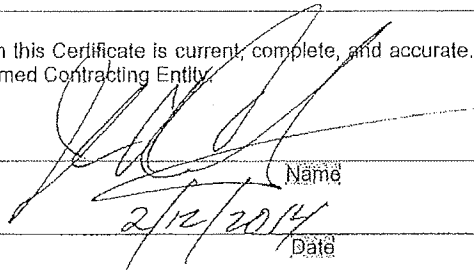
<b>Block 4 Disclosure of Ownership and Principals</b>			
In the space below, the Contracting Entity must disclose all principals (including partners) of the Contracting Entity, as well as persons or entities holding more than one-percent (1%) ownership interest in the Contracting Entity.			
	<b>FULL NAME/TITLE</b>	<b>BUSINESS ADDRESS</b>	<b>BUSINESS PHONE</b>
1.	Associates Group Services, Inc. Parent Company, Owns 100% of KHA	3001 Weston Parkway Cary, North Carolina 27513-2301	919-677-2000
2.	APHC, Inc. Top Tier Parent Company 100% of AGS (See attached page for individual APHC, Inc. Shareholders with 1% or more ownership)	3001 Weston Parkway Cary, North Carolina 27513-2301	919-677-2000
3.	See attached list of KHA Directors and Officers.		
4.			
5.			
6.			
7.			
8.			
9.			

The Contracting Entity shall continue the above list on a sheet of paper entitled "Disclosure of Principals – Continuation" until full and complete disclosure is made. If continuation sheets are attached, please indicate the number of sheets: \_\_\_\_\_

<b>Block 5 Disclosure of Ownership and Principals - Alternate</b>			
If the Contracting Entity, or its principals or partners, are required to provide disclosure (of persons or entities holding an ownership interest) under federal law (such as disclosure required by the Securities and Exchange Commission or the Employee Retirement Income Act), a copy of such disclosure may be attached to this Certificate in lieu of providing the information set forth in Block 4 above. A description of such disclosure documents must be included below.			
<b>Name of Attached Document:</b>		Kimley-Horn and Associates, Inc. Directors and Officers	
<b>Date of Attached Document:</b>		01/14/2014	
<b>Number of Pages:</b>		8	

I certify, under penalty of perjury, that all the information provided in this Certificate is current, complete, and accurate. I further certify that I am an individual authorized to contractually bind the above named Contracting Entity.



  
 \_\_\_\_\_  
 Name  
 2/12/2014  
 \_\_\_\_\_  
 Date

Subscribed and sworn to before me this 12 day of

February, 2014  
Naomie M. Pippett  
 Notary Public

KIMLEY-HORN AND ASSOCIATES, INC. DIRECTORS AND OFFICERS  
(Kimley-Horn and Associates, Inc. is wholly owned by Associates Group Services, Inc.)

<b>Name</b>	<b>Title(s)</b>	<b>Business Address</b>	<b>Business Phone</b>
Mark S. Wilson	CFO & Chairman	3001 Weston Parkway, Cary, NC 27513	919-677-2000
John C. Atz	President/CEO/Director	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
Richard N. Cook	Sr Vice President/Secretary/Treasurer	3001 Weston Parkway, Cary, NC 27513	919-677-2000
Barry L. Barber	Senior Vice President/Director	3001 Weston Parkway, Cary, NC 27513	919-677-2000
Gregory B. Burns	Senior Vice President/Director	12750 Merit Drive, Suite 1000, Dallas, TX 75251	972-770-1300
Derrick B. Cave	Senior Vice President/Director	445 24th Street, Suite 200, Vero Beach, FL 33960	772-794-4100
Brooks H. Peed	Executive Vice President/Director	445 24th Street, Suite 200, Vero Beach, FL 33960	772-794-4100
Terence T. Murphy	Senior Vice President/Director	11400 Commerce Park Drive, Suite 400, Reston, VA 20191	703-674-1300
H. Dean Penny	Senior Vice President/Director	333 Fayetteville Street, Suite 600, Raleigh, NC 276001	919-835-1494
Michael G. Schiller	Executive Vice President/Director	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
Frederick W. Schwartz	Senior Vice President/Director	111 West Jackson Boulevard, Suite 700, Chicago, IL 60604	312-726-9445
Christopher A. Squires	Senior Vice President/Director	3001 Weston Parkway, Cary, NC 27513	919-677-2000
Deborah L. Wilson	Senior Vice President/Director	2 Sun Court, Suite 220, Norcross, GA 30092	770-825-0744
Michael N. Byrd	Executive Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
Kenneth W. Ackeret	Senior Vice President	6671 Las Vegas Boulevard South, Suite 320, Las Vegas, NV 89119	702-862-3600
Mark E. Atkinson	Senior Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
Burt L. Baldo-Campbell	Senior Vice President	1221 Brickell Avenue, Suite 400, Miami, FL 33131	305-673-2025
David R. Bardt	Senior Vice President	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
R. Russell Barnes	Senior Vice President	5200 NW 33rd Street, Suite 109, Ft. Lauderdale, FL 33309	954-535-5100
Richard R. Barr	Senior Vice President	2615 Centennial Boulevard, Suite 102, Tallahassee, FL 32308	850-553-3500
Laura E. Barrett	Senior Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
John F. Benditz	Senior Vice President	209 Tenth Avenue, Suite 501, Nashville, TN 37203	915-564-2701
Mark C. Bishop	Senior Vice President	2550 University Drive, Suite 238N, St. Paul, MN 55114	651-645-4197
Peter A. Bishop	Senior Vice President	333 Fayetteville Street, Suite 600, Raleigh, NC 276001	919-835-1494
Stephen W. Blakley	Senior Vice President	2000 South Boulevard, Suite 440, Charlotte, NC 28203	704-333-5131
Thomas F. Burchett	Senior Vice President	333 Fayetteville Street, Suite 600, Raleigh, NC 276001	919-835-1494
Tricia L. Burtica	Senior Vice President	11919 Foundation Place, Suite 200, Gold River, CA 95670	916-585-5800
Gail M. Callaway	Senior Vice President	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
David C. Campbell	Senior Vice President	655 North Franklin Street, Suite 150, Tampa, FL 33602	813-620-1460
James T. Chavers	Senior Vice President	11400 Commerce Park Drive, Suite 400, Reston, VA 20191	703-674-1300
Paul L. Cherry	Senior Vice President	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
Serine A. Ciandella	Senior Vice President	765 The City Drive, Suite 200, Orange, CA 92868	714-939-1030
Maruice Clark	Senior Vice President	5370 Kietzke Lane, Suite 201, Reno, NV 89511	775-787-7552
Michael D. Colety	Senior Vice President	6671 Las Vegas Boulevard South, Suite 320, Las Vegas, NV 89119	702-862-3600
James F. Collins	Senior Vice President	6625 Lenox Park Drive, Suite 117, Memphis, TN 38115	901-374-9109
John R. Conrad	Senior Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500

KIMLEY-HORN AND ASSOCIATES, INC. DIRECTORS AND OFFICERS  
(Kimley-Horn and Associates, Inc. is wholly owned by Associates Group Services, Inc.)

Kurt D. Cooper	Senior Vice President	1700 Willow Lawn Drive, Suite 200, Richmond, VA 23230	804-673-3882
Fred C. Corey	Senior Vice President	401 B Street, Suite 600, San Diego, CA 92101	619-234-9411
Paul B. Danielson	Senior Vice President	2550 University Drive, Suite 238N, St. Paul, MN 55114	651-645-4197
Neil T. Deans	Senior Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
Michael L. Delmarter	Senior Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
Mark W. Dunzo	Senior Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
William E. Dvorak	Senior Vice President	111 West Jackson Boulevard, Suite 700, Chicago, IL 60604	312-726-9445
Gary A. Ehret	Senior Vice President	2550 University Drive, Suite 238N, St. Paul, MN 55114	651-645-4197
Nicholas L. Ellis	Senior Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
George B. Fares	Senior Vice President	765 The City Drive, Suite 200, Orange, CA 92868	714-393-1030
Jean B. Fares	Senior Vice President	6800 Owensmouth Avenue, Suite 410, Canoga Park, CA 91303	818-227-2790
Thomas W. Farnan	Senior Vice President	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
Chris V. Frysinger	Senior Vice President	120112 Wickchester Lane, Suite 500, Houston, TX 77079	281-597-9300
Glenn A. Gary	Senior Vice President	801 Cherry Street, Unit 11, Suite 950, Ft. Worth, TX 76102	817-335-6511
Kevin S. Gaskey	Senior Vice President	12750 Merit Drive, Suite 1000, Dallas, TX 75251	972-770-1300
Brian A. Good	Senior Vice President	445 24th Street, Suite 200, Vero Beach, FL 23960	772-794-4100
Stephanie L. Hachem	Senior Vice President	333 Fayetteville Street, Suite 600, Raleigh, NC 276001	919-653-5847
Jame R. Hall	Senior Vice President	12750 Merit Drive, Suite 1000, Dallas, TX 75251	972-770-1300
Christopher C. Hatton	Senior Vice President	655 North Franklin Street, Suite 150, Tampa, FL 33602	813-620-1460
Dean A. Henigsmann	Senior Vice President	12750 Merit Drive, Suite 1000, Dallas, TX 75251	972-770-1300
Michael J. Hermann	Senior Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
Jon B. Horn	Senior Vice President	2550 University Drive, Suite 238N, St. Paul, MN 55114	651-645-4197
R. Michael Horn	Senior Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
Jerry W. Ingram	Senior Vice President	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
Jay R. Jackson	Senior Vice President	3660 Maguire Boulevard, Suite 200, Orlando, FL 32803	407-898-1511
Kenneth W. Jackson	Senior Vice President	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
R. Jeffery James	Senior Vice President	801 Cherry Street, Unit 11, Suite 950, Ft. Worth, TX 76102	817-335-6511
Nichole M. Kerry	Senior Vice President	765 The City Drive, Suite 200, Orange, CA 92868	714-939-1030
Loisalynn B. Kiefer	Senior Vice President	445 24th Street, Suite 200, Vero Beach, FL 23960	772-794-4100
Michael E. Kiefer	Senior Vice President	445 24th Street, Suite 200, Vero Beach, FL 23960	772-794-4100
Wayne Kurfees	Senior Vice President	12750 Merit Drive, Suite 1000, Dallas, TX 75251	972-770-1300
Dennis J. Landaal	Senior Vice President	401 B Street, Suite 600, San Diego, CA 92101	619-234-9411
Steven E. Lefton	Senior Vice President	11400 Commerce Park Drive, Suite 400, Reston, VA 20191	703-674-1300
James S. Lott	Senior Vice President	12012 Wickchester Lane, Suite 500, Houston, TX 77079	281-597-9300
Alan Maio	Senior Vice President	2601 Cattlemen Road, Suite 500, Sarasota, FL 34232	941-379-7600
Robert J. Martin	Senior Vice President	11400 Commerce Park Drive, Suite 400, Reston, VA 20191	703-674-1300
Jason B. Matson	Senior Vice President	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
Karen C. McPherson	Senior Vice President	4500 Main Street, Suite 500, Virginia Beach, VA 23462	757-213-8600

KIMLEY-HORN AND ASSOCIATES, INC. DIRECTORS AND OFFICERS  
(Kimley-Horn and Associates, Inc. is wholly owned by Associates Group Services, Inc.)

Enda Melvin	Senior Vice President	11919 Foundation Place, Suite 200, Gold River, CA 95670	916-585-5800
Marwan H. Mufleh	Senior Vice President	1690 South Congress Avenue, Suite 100, Delray Beach, FL 33445	561-330-2345
Cecil L. Narron	Senior Vice President	333 Fayetteville Street, Suite 600, Raleigh, NC 276001	919-835-1494
William A. Nash	Senior Vice President	4500 Main Street, Suite 500, Virginia Beach, VA 23462	757-213-8600
Anush A. Nejad	Senior Vice President	2 Penn Center Plaza, Suite 200, Philadelphia, PA 19102	215-854-6396
Charles A. Nuckols	Senior Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
Ahmad A. Omais	Senior Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
David D. Perkins	Senior Vice President	333 East Wetmore Road, Suite 280, Tucson, AZ 85705	520-615-9191
John E. Potts	Senior Vice President	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
Petrus S. Pretorius	Senior Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
Bryan T. Rapp	Senior Vice President	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
Richard R. Rohrbaugh	Senior Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
Michael S. Ross	Senior Vice President	401 B Street, Suite 600, San Diego, CA 92101	619-234-9411
K.K. Saxena	Senior Vice President	5200 NW 33rd Street, Suite 109, Ft. Lauderdale, FL 33309	954-535-5100
Brian K. Shewski	Senior Vice President	12750 Merit Drive, Suite 1000, Dallas, TX 75251	972-770-1300
David K. Sorenson	Senior Vice President	401 B Street, Suite 600, San Diego, CA 92101	619-234-9411
David W. Stewart	Senior Vice President	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
Thomas M. Stovall	Senior Vice President	2601 Cattlemen Road, Suite 500, Sarasota, FL 34232	941-379-7600
James M. Sumislaski	Senior Vice President	1690 South Congress Avenue, Suite 100, Delray Beach, FL 33445	561-330-2345
Roderick P. Swindler	Senior Vice President	12750 Merit Drive, Suite 1000, Dallas, TX 75251	972-770-1300
S. Cliff Tate	Senior Vice President	3660 Maguire Boulevard, Suite 200, Orlando, FL 32803	407-898-15511
Carl F. Tewksbury	Senior Vice President	4500 Main Street, Suite 500, Virginia Beach, VA 23462	757-213-8600
Jonahtan D. Thigpen	Senior Vice President	3660 Maguire Boulevard, Suite 200, Orlando, FL 32803	407-898-1511
Guy B. Tribble	Senior Vice President	2201 West Royal Lane, Suite 275, Irving, TX 75063	214-420-5600
Andrew W. Van Leeuwen	Senior Vice President	10415 Morado Circle, Building I, Suite 300, Austin, TX 78759	512-418-1771
Kent L. Van Riper	Senior Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
William J. Voisin	Senior Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
William D. Waddill	Senior Vice President	2601 Cattlemen Road, Suite 500, Sarasota, FL 34232	941-379-7600
John D. Walker	Senior Vice President	2 Sun Court, Suite 220, Norcross, GA 30092	770-825-0744
Roy L. Wilshire	Senior Vice President	12750 Merit Drive, Suite 1000, Dallas, TX 75251	972-770-1300
Deborah L. Wilson	Senior Vice President	2 Sun Court, Suite 220, Norcross, GA 30092	770-825-0744
Jon E. Wilson	Senior Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
Mark E. Wilson	Senior Vice President	3675 Innovation Drive, Lakeland, FL 33812	863-701-8702
Frank G. Abbott	Vice President	5750 Genesis Court, Suite 200, Frisco, TX 75034	972-335-3580
Richard C. Adams	Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
Darren J. Adrian	Vice President	765 The City Drive, Suite 200, Orange, CA 92868	714-939-1030
Jeffrey B. Allen	Vice President	100 West San Fernando Street, Suite 250, San Jose, CA 95113	669-800-4130
Christopher G. Barber	Vice President	11400 Commerce Park Drive, Suite 400, Reston, VA 20191	703-674-1300

KIMLEY-HORN AND ASSOCIATES, INC. DIRECTORS AND OFFICERS  
(Kimley-Horn and Associates, Inc. is wholly owned by Associates Group Services, Inc.)

Robert W. Barkley	Vice President	2 Penn Center Plaza, Suite 200, Philadelphia, PA 19102	215-854-6396
Matthew T. Barlow	Vice President	401 B Street, Suite 600, San Diego, CA 92101	619-234-9411
Ramon F. Breton	Vice President	3660 Maguire Boulevard, Suite 200, Orlando, FL 32803	407-898-1511
Aaron E. Buchler	Vice President	1221 Brickell Avenue, Suite 400, Miami, FL 33131	305-673-2025
Lisa M. Burgess	Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
Leon F. Burkett	Vice President	3660 Maguire Boulevard, Suite 200, Orlando, FL 32803	407-898-1511
Richard V. Busche	Vice President	1823 SE Fort King Street, Suite 200, Ocala, FL 34471	352-671-9451
L. Michael Carey	Vice President	5200 NW 33rd Street, Suite 109, Ft. Lauderdale, FL 33309	954-535-5100
Erica V. Carter	Vice President	501 Independence Parkway, Suite 300, Chesapeake, VA 23320	757-548-7300
Miandra F. Cash	Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
Jason W. Castillo	Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
Jon S. Chambers	Vice President	4500 Main Street, Suite 500, Virginia Beach, VA 23462	757-213-8600
Gary M. Christensen	Vice President	2550 University Drive, Suite 238N, St. Paul, MN 55114	651-645-4197
Adam P. Cochran	Vice President	333 Fayetteville Street, Suite 600, Raleigh, NC 276001	919-835-1494
Scott W. Colvin	Vice President	990 South Broadway, Suite 200, Denver, CO 80209	303-228-2300
Thomas G. Coppin	Vice President	11919 Foundation Place, Suite 200, Gold River, CA 95670	916-858-5800
E.C. Demeter	Vice President	445 24th Street, Suite 200, Vero Beach, FL 32960	772-794-4100
Gil C. Devera	Vice President	4500 Main Street, Suite 500, Virginia Beach, VA 23462	757-213-8600
Carl T. DeZee	Vice President	801 Cherry Street, Unit 11, Suite 950, Ft. Worth, TX 76102	817-335-6511
Kenneth A. Dierks	Vice President	4500 Main Street, Suite 500, Virginia Beach, VA 23462	757-213-8600
Randal R. Durrenberger	Vice President	1300 Clay Street, Suite 325, Oakland, CA 94612	510-625-0712
Robert A. Eichinger	Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
Julie K. Eklund	Vice President	12750 Merit Drive, Suite 1000, Dallas, TX 75251	972-770-1300
Paul D. Elman	Vice President	11400 Commerce Park Drive, Suite 400, Reston, VA 20191	703-674-1300
Angelina G. Fairchild	Vice President	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
Lawson H. Fanney	Vice President	2 Sun Court, Suite 220, Norcross, GA 30092	770-825-0744
Kenneth L. Fink	Vice President	2 Sun Court, Suite 220, Norcross, GA 30092	770-825-0744
Larry L. Flowers	Vice President	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
Kevin B. Flynn	Vice President	765 The City Drive, Suite 200, Orange, CA 92868	714-939-1030
Jon C. Ford	Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
Thomas M. Fowler	Vice President	209 Tenth Avenue, Suite 501, Nashville, TN 37203	915-564-2701
William D. France	Vice President	4500 Main Street, Suite 500, Virginia Beach, VA 23462	757-213-8600
Ronald W. Freeman	Vice President	6671 Las Vegas Boulevard South, Suite 320, Las Vegas, NV 89119	702-862-3600
Ashley M. Frysinger	Vice President	12012 Wickchester Lane, Suite 500, Houston, TX 77079	281-597-9300
Brian R. Gillis	Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
David S. Goldman	Vice President	8657 Baypine Road, Suite 300, Jacksonville, FL 32256	904-828-3900
Michael J. Gottholm	Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
Dan F. Grant	Vice President	12750 Merit Drive, Suite 1000, Dallas, TX 75251	972-770-1300

KIMLEY-HORN AND ASSOCIATES, INC. DIRECTORS AND OFFICERS  
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M. Brandon Guillory	Vice President	12012 Wickchester Lane, Suite 500, Houston, TX 77079	281-597-9300
David S. Haines	Vice President	1855 West Baseline Road, Suite 200, Mesa, AZ 85202	480-207-2666
Lori A. Hall	Vice President	11400 Commerce Park Drive, Suite 400, Reston, VA 20191	703-674-1300
Stephen E. Haney	Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
Jessica L. Harris	Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
Jennifer L. Harry	Vice President	401 B Street, Suite 600, San Diego, CA 92101	619-234-9411
Patrick B. Hart	Vice President	401 B Street, Suite 600, San Diego, CA 92101	619-234-9411
Mark C. Hatchel	Vice President	2201 West Royal Lane, Suite 275, Irving, TX 75063	214-420-5600
Leyla Hedayat	Vice President	100 West San Fernando Street, Suite 250, San Jose, CA 95113	669-800-4130
Christopher W. Heggen	Vice President	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
Melissa A. Hewitt	Vice President	660 South Figueroa Street, Suite 1040, Los Angeles, CA 90017	213-261-4040
E. Vincent Hourigan	Vice President	765 The City Drive, Suite 200, Orange, CA 92868	714-939-1030
Robert M. Hume	Vice President	2000 South Boulevard, Suite 440, Charlotte, NC 28203	704-333-5131
Rebecca R. Jucksch	Vice President	4500 Main Street, Suite 500, Virginia Beach, VA 23462	757-213-8600
Joseph D. Kaltsas	Vice President	401 B Street, Suite 600, San Diego, CA 92101	619-234-9411
Russell L. Karr	Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
J. Mark Kilby	Vice President	2 Sun Court, Suite 220, Norcross, GA 30092	770-825-0744
John C. Kissinger	Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
Gregory S. Kyle	Vice President	5200 NW 33rd Street, Suite 109, Ft. Lauderdale, FL 33309	954-535-5100
David J. Leistiko	Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
Eric C. Lovejoy	Vice President	5370 Kietzke Lane, Suite 201, Reno, NV 89511	775-787-7552
William F. Mackey	Vice President	4500 Main Street, Suite 500, Virginia Beach, VA 23462	757-213-8600
D. Mark Manning	Vice President	6625 Lenox Park Drive, Suite 117, Memphis, TN 38115	901-374-9109
Keith R. Markland	Vice President	2 Sun Court, Suite 220, Norcross, GA 30092	770-825-0744
Edward A. Marscheider	Vice President	4500 Main Street, Suite 500, Virginia Beach, VA 23462	757-213-8600
Jonathan A. Martin	Vice President	3660 Maguire Boulevard, Suite 200, Orlando, FL 32803	407-898-1511
David L. McEntee	Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000
Amy L. McGreger	Vice President	3660 Maguire Boulevard, Suite 200, Orlando, FL 32803	407-898-1511
Emily H. Meador	Vice President	817 West Peachtree Street NW, Suite 601, Atlanta, GA 30308	404-419-8700
Joseph P. Mecca	Vice President	8657 Baypine Road, Suite 300, Jacksonville, FL 32256	904-828-3900
Michelle B. Mecca	Vice President	8657 Baypine Road, Suite 300, Jacksonville, FL 32256	904-828-3900
Brian J. Michot	Vice President	333 Fayetteville Street, Suite 600, Raleigh, NC 276001	919-835-1494
Mark D. Miller	Vice President	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
Daniel C. Millner	Vice President	5750 Genesis Court, Suite 200, Frisco, TX 75034	972-335-3580
M. Scott Mingonet	Vice President	2000 South Boulevard, Suite 440, Charlotte, NC 28203	704-333-5131
Richard A. Moles	Vice President	6671 Las Vegas Boulevard South, Suite 320, Las Vegas, NV 89119	702-862-3600
Emmeline F. Montanye	Vice President	817 West Peachtree Street NW, Suite 601, Atlanta, GA 30308	404-419-8700
Jeffrey W. Moore	Vice President	3001 Weston Parkway, Cary, NC 27513	919-677-2000

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(Kimley-Horn and Associates, Inc. is wholly owned by Associates Group Services, Inc.)

John J. Morris	Vice President	100 West San Fernando Street, Suite 250, San Jose, CA 95113	669-800-4130
Arthur J. Morton	Vice President	111 West Jackson Boulevard, Suite 700, Chicago, IL 60604	312-726-9445
Salvatore J. Musarra	Vice President	333 Fayetteville Street, Suite 600, Raleigh, NC 276001	919-835-1494
Brent H. Mutti	Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
Aaren W. Nathan	Vice President	12750 Merit Drive, Suite 1000, Dallas, TX 75251	972-770-1300
Gary T. Newton	Vice President	2 Sun Court, Suite 220, Norcross, GA 30092	770-825-0744
Lisa K. Noon	Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
Michael A. Norby	Vice President	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
Stephen O. Orr	Vice President	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
David J. Osborne	Vice President	5200 NW 33rd Street, Suite 109, Ft. Lauderdale, FL 33309	954-535-5100
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