



PROFESSIONAL SERVICES AGREEMENT
Design Services
TRAFFIC SIGNAL AT GILBERT ROAD AND AMANDA BOULEVARD
Project No. DS2402.201
Council Date: October 17, 2024

This Agreement ("Agreement") is made and entered into on the ____ day of _____, 2024 ("Effective Date"), by and between City of Chandler, an Arizona municipal corporation, ("City"), and **GREENLIGHT TRAFFIC ENGINEERING, LLC**, an Arizona LLC, ("Consultant") (City and Consultant may individually be referred to as "Party" and collectively referred to as "Parties").

RECITALS

- A. City proposes to engage Consultant to provide **Design Services** for **TRAFFIC SIGNAL AT GILBERT ROAD AND AMANDA BOULEVARD** project as more fully described in **Exhibit "A"**, which is attached to and made a part of this Agreement by this reference.
- B. Consultant is ready, willing, and able to provide the services described in **Exhibit "A"** for the compensation and fees set forth and as described in **Exhibit "B"**, which is attached to and made a part of this Agreement by this reference.
- C. City desires to enter into an Agreement with Consultant to provide these services under the terms and conditions set forth in this Agreement.

AGREEMENT

NOW, THEREFORE, in consideration of the premises and the mutual promises contained in this Agreement, City and Consultant agree as follows:

SECTION I--CONSULTANT'S SERVICES

Consultant must perform the services described in **Exhibit "A"** to City's satisfaction within the terms and conditions of this Agreement and within the care and skill that a person who provides similar services in Chandler, Arizona exercises under similar conditions. All work or services furnished by Consultant under this Agreement must be performed in a skilled and workmanlike manner. All fixtures, furnishings, and equipment furnished by Consultant as part of the work or services under this Agreement must be new, or the latest model, and of the most suitable grade and quality for the intended purpose of the work or service.

SECTION II--PERIOD OF SERVICE

Consultant must perform the services described in **Exhibit "A"** for the term of this Agreement. Unless amended in writing by the Parties, the Agreement term expires **450** calendar days after the Notice to Proceed (NTP) Date.

SECTION III--PAYMENT OF COMPENSATION AND FEES

Unless amended in writing by the Parties, Consultant's compensation and fees as more fully described in **Exhibit "B"** for performance of the services approved and accepted by City under this Agreement must not exceed **\$115,622.46** for the full term of the Agreement. Consultant may not increase any compensation or fees under this Agreement without the City's prior written consent. Consultant must submit monthly requests for payment of services approved and accepted during the previous billing period and must include, as applicable, detailed invoices and receipts, a narrative description of the tasks accomplished during the billing period, a list of any deliverables submitted, and any subconsultant's or supplier's actual requests for payment plus similar narrative and listing of their work. Consultant must submit an Application and Certification for Payment Sheet with the monthly request for payment to: CapitalProjects.Payables@chandleraz.gov. Payment for those services negotiated as a lump sum will be made in accordance with the percentage of the work completed during the preceding billing period. Services negotiated as a not-to-exceed fee will be paid in accordance with the work effort expended on the service during the preceding month. All requests for payment must be submitted to City for review and approval. City will make payment for approved and accepted services within 30 calendar days of City's receipt of the request for payment. Consultant bears all responsibility and liability for any and all tax obligations that result from Consultant's performance under this Agreement.

SECTION IV--CITY'S OBLIGATIONS

As part of Consultant's services under this Agreement, City will provide furnished items, services, or obligations as detailed in **Exhibit "D"**.

SECTION V--GENERAL CONDITIONS

5.1 Notices. Unless otherwise provided herein, demands under this Agreement must be in writing and will be deemed to have been duly given and received either (a) on the date of service if personally served on the party to whom notice is to be given, or (b) on the third day after the date of the postmark of deposit by first class United States mail, registered or certified, postage prepaid and properly addressed as follows:

To City:	City of Chandler - Public Works & Utilities Department Attn: CIP City Engineer: Daniel Haskins, P.E. P.O. Box 4008, Mail Stop 407 Chandler, AZ 85244-4008 Phone: 480-782-3335 Email: daniel.haskins@chandleraz.gov	
With a copy to:	City of Chandler - Public Works & Utilities Department Attn: Alyssa Siqueiros, Project Manager P.O. Box 4008, Mail Stop 407, Chandler, AZ 85244-4008 Phone: 480-782-3343 Email: Alyssa.Siqueiros@chandleraz.gov	
To Consultant:	LEGAL COMPANY NAME:	Greenlight Traffic Engineering, LLC
	Mailing Address:	14050 N 83rd Ave, Ste 290, Peoria, AZ 85381
	Physical Address:	SAME
	Statutory Agent Name:	Daniel Miranda
	Statutory Agent Mailing Address:	70 S Val Vista Dr, Suite A3-222, Gilbert, AZ 85296
	Statutory Agent Physical Address:	1340 E Horseshoe Ave, Gilbert, AZ 85296
	CONSULTANT'S AUTHORIZED PROJECT REPRESENTATIVE	
	Name:	Scott Kelley
	Title:	Principal
	Phone:	602-499-1339
	Email:	scottk@greenlightte.com

5.2 Records/Audit. Records of Consultant's direct personnel payroll, reimbursable expenses pertaining to this Agreement and records of accounts between City and Consultant must be kept on the basis of generally accepted accounting principles and must be made available to City and its auditors for up to three years following City's final acceptance of the services under this Agreement (this requirement is increased to five years if construction of this project is federally funded). City, its authorized representative, or any federal agency, reserves the right to audit Consultant's records to verify the accuracy and appropriateness of all cost and pricing data, including data used to negotiate this Agreement and any amendments. City reserves the right to decrease the total amount of Agreement price or payments made under this Agreement or request reimbursement from Consultant following final Agreement payment on this Agreement if, upon audit of Consultant's records, the audit discloses Consultant has provided false, misleading, or inaccurate cost and pricing data. Consultant will include a similar provision in all of its Agreements with subconsultants who provide services under the Agreement to ensure that City, its authorized representative, or the appropriate federal agency, has access to the subconsultants' records to verify the

accuracy of all cost and pricing data. City reserves the right to decrease Agreement price or payments made on this Agreement or request reimbursement from Consultant following final payment on this Agreement if the above provision is not included in subconsultant agreements, and one or more subconsultants refuse to allow City to audit their records to verify the accuracy and appropriateness of all cost and pricing data. If, following an audit of this Agreement, the audit discloses Consultant has provided false, misleading, or inaccurate cost and pricing data, and the cost discrepancies exceed 1% of the total Agreement billings, Consultant will be liable for reimbursement of the reasonable, actual cost of the audit.

5.3 Alteration in Character of Work. Whenever an alteration in the character of work results in a substantial change in this Agreement, thereby materially increasing or decreasing the scope of services, cost of performance, or Project schedule, the work will be performed as directed by City. However, before any modified work is started, a written amendment must be approved and executed by City and Consultant. Such amendment must not be effective until approved by City. Additions to, modifications, or deletions from this Agreement as provided herein may be made, and the compensation to be paid to Consultant may accordingly be adjusted by mutual agreement of the Parties. It is distinctly understood and agreed that no claim for extra services or materials furnished by Consultant will be allowed by City except as provided herein, nor must Consultant do any work or furnish any materials not covered by this Agreement unless such work is first authorized in writing. Any such work or materials furnished by Consultant without prior written authorization will be at Consultant's own risk, cost, and expense, and Consultant hereby agrees that without written authorization Consultant will make no claim for compensation for such work or materials furnished.

5.4 Termination. City and Consultant hereby agree to the full performance of the covenants contained herein, except that City reserves the right, at its discretion and without cause, to terminate or abandon any service provided for in this Agreement, or abandon any portion of the Project for which services have been performed by Consultant. In the event City abandons or suspends the services, or any part of the services as provided in this Agreement, City will notify Consultant in writing and immediately after receiving such notice, Consultant must discontinue advancing the work specified under this Agreement. Upon such termination, abandonment, or suspension, Consultant must deliver to City all drawings, plans, specifications, special provisions, estimates and other work entirely or partially completed, together with all unused materials supplied by City. Consultant must appraise the work Consultant has completed and submit Consultant's appraisal to City for evaluation. City may inspect Consultant's work to appraise the work completed. Consultant will receive compensation in full for services performed to the date of such termination. The fee will be paid in accordance with Section III of this Agreement, and as mutually agreed upon by Consultant and City. If there is no mutual agreement on payment, the final determination will be made in accordance with the "Disputes" provision in this Agreement. However, in no event may the fee exceed the fee set forth in Section III of this Agreement nor as amended in accordance with Section "Alteration in Character of Work." City will make the final payment within 60 days after Consultant has delivered the last of the partially completed items and the Parties agree on the final fee. If City is found to have improperly terminated the Agreement for cause or default, the termination will be converted to a termination for convenience in accordance with the provisions of this Agreement.

5.5 Indemnification. To the extent permitted by law, the Consultant ("Indemnitor") must indemnify, save and hold harmless City and its officers, officials, agents and employees ("Indemnitee") from any and all claims, actions, liabilities, damages, losses or expenses (including court costs, attorneys' fees and costs of claim processing, investigation and litigation) ("Claims") caused or alleged to be caused, in whole or in part, by the wrongful, negligent or willful acts, or errors or omissions of Consultant or any of its owners, officers, directors, agents, employees, or subconsultants in connection with this Agreement. This indemnity includes any claim or amount arising out of or recovered under workers' compensation law or on account of the failure of Consultant to conform to any federal, state or local law, statute, ordinance, rule, regulation or court decree. Consultant must indemnify Indemnitee from and against any and all Claims, except those arising solely from Indemnitee's own negligent or willful acts or omissions. Consultant is responsible for primary loss investigation, defense and judgment costs where this indemnification applies. In consideration of the award of this Agreement, Consultant agrees to waive all rights of subrogation against Indemnitee for losses arising from or related to this Agreement. The obligations of Consultant under this provision survive the termination or expiration of this Agreement.

5.6 Insurance Requirements. Consultant must procure insurance under the terms and conditions and for the amounts of coverage set forth in **Exhibit "C"** against claims that may arise from or relate to performance of the work under this Agreement by Consultant and its agents, representatives, employees, and subconsultants. Consultant and any subconsultant must maintain this insurance until all of their obligations have been discharged, including any warranty periods under this Agreement. These insurance requirements are minimum requirements for this Agreement and in no way limit the indemnity covenants contained in this Agreement. City in no way warrants that the minimum limits stated in **Exhibit "C"** are sufficient to protect Consultant from liabilities that might arise out of the performance of the work under this Agreement by Consultant, Consultant's agents, representatives, employees, or subconsultants. Consultant is free to purchase such additional insurance as may be determined necessary.

5.7 Cooperation and Further Documentation. Consultant agrees to provide City such other duly executed documents as may be reasonably requested by City to implement the intent of this Agreement.

5.8 Successors and Assigns. City and Consultant each bind itself, its partners, successors, assigns, and legal representatives to the other party to this Agreement and to the partners, successors, assigns, and legal representatives of such other party in respect to all covenants of this Agreement. Neither City nor Consultant may assign, sublet, or transfer its interest in this Agreement without the written consent of the other party. In no event may any contractual relation be created between any third party and City.

5.9 Disputes. In any dispute arising out of an interpretation of this Agreement or the duties required not disposed of by agreement between Consultant and City, the final determination at the administrative level will be made by City Engineer.

5.10 Completeness and Accuracy of Consultant's Work. Consultant must be responsible for the completeness and accuracy of Consultant's services, data, and other work prepared or

compiled under Consultant's obligation under this Agreement and must correct, at Consultant's expense, all willful or negligent errors, omissions, or acts that may be discovered. Correction of errors disclosed and determined to exist during any construction of the project on architectural or engineering drawings and specifications must be accomplished by Consultant. The cost of the design necessary to correct those errors attributable to Consultant and any damage incurred by City as a result of additional construction costs caused by such engineering or architectural errors will be chargeable to Consultant and will not be considered a cost of the Work. The fact that City has accepted or approved Consultant's work will in no way relieve Consultant of any of Consultant's responsibilities.

5.11 Reporting. Written monthly reports, along with updated work schedules, will be made by Consultant in the format prescribed by City. These reports will be delivered to City per schedule. When requested by City, Consultant will attend Council meetings and provide finished documents including correspondence for Council action, supporting charts, graphs, drawings and colored slides of same.

5.12 Withholding Payment. City reserves the right to withhold funds from Consultant's payments up to the amount equal to the claims City may have against Consultant until such time that a settlement on those claims has been reached.

5.13 City's Right of Cancellation. The Parties acknowledge that this Agreement is subject to cancellation by City under the provisions of Section 38-511, Arizona Revised Statutes (A.R.S.).

5.14 Independent Consultant. For this Agreement Consultant constitutes an independent contractor. Any provisions in this Agreement that may appear to give City the right to direct Consultant as to the details of accomplishing the work or to exercise a measure of control over the work means that Consultant must follow the wishes of City as to the results of the work only. These results must comply with all applicable laws and ordinances.

5.15 Project Staffing. Prior to the start of any work under this Agreement, Consultant must submit to City detailed resumes of key personnel that will be involved in performing services prescribed in the Agreement. City hereby acknowledges its acceptance of such personnel to perform services under this Agreement. At any time hereafter that Consultant desires to change key personnel while performing under the Agreement, Consultant must submit the qualifications of the new personnel to City for prior approval. Key personnel include, but are not limited to, principals-in-charge, project manager, and project Consultant. Consultant will maintain an adequate and competent staff of qualified persons, as may be determined by City, throughout the performance of this Agreement to ensure acceptable and timely completion of the Scope of Services. If City objects, with reasonable cause, to any of Consultant's staff, Consultant must take prompt corrective action acceptable to City and, if required, remove such personnel from the Project and replace with new personnel agreed to by City.

5.16 Consultants or Subconsultants. Prior to beginning the work, Consultant must furnish City for approval the names of consultants or subconsultants to be used under this Agreement. Any subsequent changes are subject to City's written prior approval.

5.17 Force Majeure. If either party is delayed or prevented from the performance of any act

required under this Agreement by reason of acts of God or other cause beyond the control and without fault of the Party (financial inability excepted), performance of that act may be excused, but only for the period of the delay, if the Party provides written notice to the other Party within ten days of such act. The time for performance of the act may be extended for a period equivalent to the period of delay from the date written notice is received by the other Party.

5.18 Compliance with Federal Laws. Consultant understands and acknowledges the applicability of the Americans with Disabilities Act, the Immigration Reform and Control Act of 1986 and the Drug Free Workplace Act of 1989 to it. Consultant agrees to comply with these laws in performing this Agreement and to permit City to verify such compliance.

5.19 No Israel Boycott. By entering into this Agreement, Consultant certifies that Consultant is not currently engaged in, and agrees for the duration of the Agreement, not to engage in a boycott of Israel as defined by state statute.

5.20 Legal Worker Requirements. A.R.S. § 41-4401 prohibits City from awarding an Agreement to any consultant who fails, or whose subconsultants fail, to comply with A.R.S. § 23-214(A). Therefore, Consultant agrees Consultant and each subconsultant it uses warrants their compliance with all federal immigration laws and regulations that relate to their employees and their compliance with § 23-214, subsection A. A breach of this warranty will be deemed a material breach of the Agreement and may be subject to penalties up to and including termination of the Agreement. City retains the legal right to inspect the papers of any Consultant's or subconsultant's employee who provides services under this Agreement to ensure that Consultant and subconsultants comply with the warranty under this provision.

5.21 Lawful Presence Requirement. A.R.S. §§ 1-501 and 1-502 prohibit City from awarding an Agreement to any natural person who cannot establish that such person is lawfully present in the United States. To establish lawful presence, a person must produce qualifying identification and sign a City-provided affidavit affirming that the identification provided is genuine. This requirement will be imposed at the time of Agreement award. This requirement does not apply to business organizations such as corporations, partnerships, or limited liability companies.

5.22 Covenant Against Contingent Fees. Consultant warrants that no person has been employed or retained to solicit or secure this Agreement upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, and that no member of the Chandler City Council, or any City employee has any interest, financially, or otherwise, in Consultant's firm. For breach or violation of this warrant, City may annul this Agreement without liability or, at its discretion, to deduct from the Agreement price or consideration, the full amount of such commission, percentage, brokerage, or contingent fee.

5.23 Non-Waiver Provision. The failure of either Party to enforce any of the provisions of this Agreement or to require performance of the other Party of any of the provisions hereof must not be construed to be a waiver of such provisions, nor must it affect the validity of this Agreement or any part thereof, or the right of either Party to thereafter enforce each and every provision.

5.24 Disclosure of Information Adverse to City's Interests. To evaluate and avoid potential conflicts of interest, Consultant must provide written notice to City, as set forth in this Section, of any work or services performed by Consultant for third parties that may involve or be associated with any real property or personal property owned or leased by City. Such notice must be given 7 business days prior to commencement of the services by Consultant for a third party, or 7 business days prior to an adverse action as defined below. Written notice and disclosure must be sent in accordance with Section 6.7 above. An adverse action under this Agreement includes, but is not limited to: (a) using data as defined in the Agreement acquired in connection with this Agreement to assist a third party in pursuing administrative or judicial action against City; or (b) testifying or providing evidence on behalf of any person in connection with an administrative or judicial action against City; or (c) using data to produce income for Consultant or its employees independently of performing the services under this Agreement, without the prior written consent of City. Consultant represents that except for those persons, entities, and projects identified to City, the services performed by Consultant under this Agreement are not expected to create an interest with any person, entity, or third party project that is or may be adverse to City's interests. Consultant's failure to provide a written notice and disclosure of the information as set forth in this Section constitute a material breach of this Agreement.

5.25 Data Confidentiality and Data Security. As used in the Agreement, "data" means all information, whether written or verbal, including plans, photographs, studies, investigations, audits, analyses, samples, reports, calculations, internal memos, meeting minutes, data field notes, work product, proposals, correspondence and any other similar documents or information prepared by, obtained by, or transmitted to Consultant or its subconsultants in the performance of this Agreement. The Parties agree that all data, regardless of form, including originals, images, and reproductions, prepared by, obtained by, or transmitted to Consultant or its subconsultants in connection with Consultant's or its subconsultant's performance of this Agreement is confidential and proprietary information belonging to City. Except as specifically provided in this Agreement, Consultant or its subconsultants must not divulge data to any third party without City's prior written consent. Consultant or its subconsultants must not use the data for any purposes except to perform the services required under this Agreement. These prohibitions do not apply to the following data provided to Consultant or its subconsultants have first given the required notice to City: (a) data which was known to Consultant or its subconsultants prior to its performance under this Agreement or its subconsultants by a third party, who to the best of Consultant's or its subconsultants' knowledge and belief, had the legal right to make such disclosure and Consultant or its subconsultants are not otherwise required to hold such data in confidence; or (c) data which is required to be disclosed by virtue of law, regulation, or court order, to which Consultant or its subconsultants are subject. In the event Consultant or its subconsultants are required or requested to disclose data to a third party, or any other information to which Consultant or its subconsultants became privy as a result of any other Agreement with City, Consultant must first notify City as set forth in this Section of the request or demand for the data. Consultant or its subconsultants must give City sufficient facts so that City can be given an opportunity to first give its consent or take such action that City may deem appropriate to protect such data or other information from disclosure. All data must continue to be subject to the confidentiality agreements of this Agreement. Consultant or its subconsultants assume all liability to maintain the confidentiality of the data in its possession and agrees to compensate City if any of the provisions of this Section are violated by

Consultant, its employees, agents or subconsultants. Solely for the purposes of seeking injunctive relief, it is agreed that a breach of this Section must be deemed to cause irreparable harm that justifies injunctive relief in court. Consultant agrees that the requirements of this Section must be incorporated into all subagreements entered into by Consultant. A violation of this Section may result in immediate termination of this Agreement without notice.

5.26 Personal Identifying Information-Data Security. Personal identifying information, financial account information, or restricted City information, whether electronic format or hard copy, must be secured and protected at all times by Consultant or its subconsultants. At a minimum, Consultant or its subconsultants must encrypt or password-protect electronic files. This includes data saved to laptop computers, computerized devices, or removable storage devices. When personal identifying information, financial account information, or restricted City information, regardless of its format, is no longer necessary, the information must be redacted or destroyed through appropriate and secure methods that ensure the information cannot be viewed, accessed, or reconstructed. In the event that data collected or obtained by Consultant or its subconsultants in connection with this Agreement is believed to have been compromised, Consultant or its subconsultants must immediately notify City contact. Consultant agrees to reimburse City for any costs incurred by City to investigate potential breaches of this data and, where applicable, the cost of notifying individuals who may be impacted by the breach. Consultant agrees that the requirements of this Section must be incorporated into all subcontracts entered into by Consultant. It is further agreed that a violation of this Section must be deemed to cause irreparable harm that justifies injunctive relief in court. A violation of this Section may result in immediate termination of this Agreement without notice. The obligations of Consultant or its subconsultants under this Section must survive the termination of this Agreement.

5.27 Jurisdiction and Venue. This Agreement is made under and must be construed in accordance with and governed by the laws of the State of Arizona without regard to the conflicts or choice of law provisions thereof. Any action to enforce any provision of this Agreement or to obtain any remedy with respect hereto must be brought in the courts located in Maricopa County, Arizona, and for this purpose, each Party hereby expressly and irrevocably consents to the jurisdiction and venue of such court.

5.28 Survival. All warranties, representations, and indemnifications by Consultant must survive the completion or termination of this Agreement.

5.29 Modification. Except as expressly provided herein to the contrary, no supplement, modification, or amendment of any term of this Agreement will be deemed binding or effective unless in writing and signed by the Parties.

5.30 Severability. If any provision of this Agreement or the application to any person or circumstance may be invalid, illegal or unenforceable to any extent, the remainder of this Agreement and the application will not be affected and will be enforceable to the fullest extent permitted by law.

5.31 Integration. This Agreement contains the full agreement of the Parties. Any prior or contemporaneous written or oral agreement between the Parties regarding the subject matter is merged and superseded.

5.32 Time is of the Essence. Time of each of the terms, covenants, and conditions of this Agreement is hereby expressly made of the essence.

5.33 Date of Performance. If the date of performance of any obligation or the last day of any time period provided for should fall on a Saturday, Sunday, or holiday for City, the obligation will be due and owing, and the time period will expire, on the first day after which is not a Saturday, Sunday or legal City holiday. Except as may otherwise be set forth in this Agreement, any performance provided for herein will be timely made if completed no later than 5:00 p.m. (Chandler time) on the day of performance.

5.34 Third Party Beneficiary. Nothing under this Agreement will be construed to give any rights or benefits in the Agreement to anyone other than City and Consultant, and all duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of City and Consultant and not for the benefit of any other party.

5.35 Conflict in Language. All work performed must conform to all applicable City of Chandler codes, ordinances, and requirements as outlined in this Agreement. If there is a conflict in interpretation between provisions in this Agreement and those in **Exhibit "A"**, the provisions in this Agreement prevail.

5.36 Document/Information Release. Documents and materials released to Consultant, which are identified by City as sensitive and confidential, are City's property. The document/material must be issued by and returned to City upon completion of the services under this Agreement. Consultant secondary distribution, disclosure, copying, or duplication in any manner is prohibited without City's prior written approval. The document/material must be kept secure at all times. This directive applies to all City documents, whether in photographic, printed, or electronic data format.

5.37 Exhibits. The following exhibits are made a part of this Agreement and are incorporated by reference:

Exhibit A - Scope of Services / Schedule

Exhibit B - Compensation and Fees

Exhibit C - Insurance Requirements

Exhibit D - Special Conditions

Exhibit E - Subconsultant Documents with Consultant (if applicable)

Exhibit F - Federal Requirements (if applicable)

5.38 Special Conditions. As part of the services Consultant provides under this Agreement, Consultant agrees to comply with and fully perform the special terms and conditions set forth in **Exhibit "D"**, which is attached to and made a part of this Agreement.

5.39 Non-Discrimination and Anti-Harassment Laws. Consultant must comply with all applicable City, state, and federal non-discrimination and anti-harassment laws, rules, and regulations.

5.40 Licenses and Permits. Beginning with the Effective Date and for the full term of this Agreement, Consultant must maintain all applicable City, state, and federal licenses and permits required to fully perform Consultant's services under this Agreement.

5.41 Warranties. Consultant must furnish a one-year warranty on all work and services performed under this Agreement. Consultant must furnish, or cause to be furnished, a two-year warranty on all fixtures, furnishings, and equipment furnished by Consultant, subconsultants or suppliers under this Agreement. Any defects in design, workmanship, or materials that do not comply with this Agreement must be corrected by Consultant (including, but not limited to, all parts and labor) at Consultant's sole cost and expense. All written warranties and redlines for as-built conditions must be delivered to City on or before City's final acceptance of Consultant's services under this Agreement.

5.42 Cooperative Purchasing Agreement (S.A.V.E. – Strategic Alliance for Volume Expenditures). In addition to City of Chandler and with the approval of Consultant, this Agreement may be extended for use by other municipalities, school districts, and government agencies of the State. Any such usage by other entities must be in accordance with the ordinance, charter, or procurement rules and regulations of the respective political entity.

5.43 Budget Approval into Next Fiscal Year. This Agreement will commence on the Effective Date and continue in full force and effect until it is terminated or expires in accordance with the provisions of this Agreement. The Parties recognize that the continuation of this Agreement after the close of the City's fiscal year, which ends on June 30 of each year, is subject to the City Council's approval of a budget that includes an appropriation for this item as an expenditure. The City does not represent that this budget item will be actually adopted. This determination is solely made by the City Council.

5.44 Forced Labor of Ethnic Uyghurs Prohibited. By entering into this Agreement, Contractor certifies and agrees Contractor does not currently use and will not use for the term of this Agreement: (i) the forced labor of ethnic Uyghurs in the People's Republic of China; or (ii) any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China; or (iii) any contractors, subcontractors or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China.

5.45 License to City for Reasonable Use. With this Agreement, Consultant and its subconsultants hereby grant a license to City, its agents, employees, and representatives for an indefinite period of time to reasonably use, make copies, and distribute as appropriate the Documents, works or deliverables developed or created as a result of the Project and this Agreement. This license also includes the making of derivative works.

This Agreement will be in full force and effect only when it has been approved and executed by the duly authorized City officials.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the Effective Date.

"CITY" CITY OF CHANDLER

"CONSULTANT"

GREENLIGHT TRAFFIC ENGINEERING, LLC

MAYOR



Signature

Date

RECOMMENDED BY:



Daniel Haskins, P.E.
CIP City Engineer

Scott Kelley

Print Name

Principal

Title

scottk@greenlightte.com

Signer Email Address

APPROVED AS TO FORM:

City Attorney



ATTEST:

City Clerk

Seal

EXHIBIT "A"
SCOPE OF SERVICES/SCHEDULE



September 6, 2024

Ms. Alyssa Siqueiros
Design Project Manager
City of Chandler
215 E Buffalo St
Chandler, AZ 85225

Re: Scope of Work
City Project No: DS2402.201
Project: Gilbert Road & Amanda Boulevard Traffic Signal

Dear Ms. Siqueiros,

Greenlight Traffic Engineering, LLC (Greenlight) has prepared our scope of work and fee proposal for completing the **Gilbert Road & Amanda Boulevard Traffic Signal (Project)** for **City of Chandler**.

The primary purpose of the Project is to design a traffic signal and reconstruct curb ramps as needed to meet ADA requirements. Major Project work elements will include installation of a 4-leg traffic signal; curb ramp reconstruction; utility engineering and avoidance; ITS wireless communications; intersection lighting; and intersection and approach signing and pavement marking.

Chandler Fire Department Station No. 7 is located on the northwest corner of the intersection. Coordination with the fire department will be required during the Project design to determine the appropriate intersection pre-emption equipment, and appropriate traffic control procedures to be followed during construction. In addition, the intersection is adjacent to the Cooper Commons and Springfield Lakes neighborhoods. Coordination with the homeowner's associations for these neighborhoods will be required as part of the public involvement for this Project.

The following text outlines the anticipated tasks and effort to complete the work. The total fees requested for the project are as follows:

Task	Firm Name	Fee
Primary Tasks		
Design Fee	Greenlight/TYLin	\$80,775.38
Owner's Contingency @ 10%	Greenlight	\$8,077.54
<i>Primary Task Sub-Total</i>		<i>\$88,852.92</i>
Allowances		
Legal Descriptions	TYLin	\$3,716.94
Landscape/Irrigation Coordination	TYLin	\$2,022.60
Potholing	Safe Site	\$17,690.00
Public Involvement Support	YPMO	\$3,340.00
<i>Allowances Sub-Total</i>		<i>\$26,769.54</i>
Primary Tasks + Allowances Total		\$115,622.46

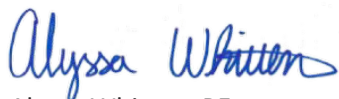
A detailed scope and fee are provided in Attachment A and Attachment B, respectively. Detailed scope and fee documentation for all sub-consultant work is provided in Attachment C.

An design schedule of approximately 8-months from notice to proceed (NTP) is anticipated for this Project. A detailed schedule is shown in the table below:

Milestone	Duration	Schedule
City Council Meeting/Scope Approval	---	10/17/2024
Anticipated NTP	2 weeks	10/28/2024
Design Kick-off Meeting	1 week	11/4/2024
Survey/Utilities Base Map Complete	5 weeks	12/9/2024
30% Design Layout	4 weeks	1/6/2025
30% Coordination Meeting	4 weeks	2/3/2025
SRP Electrical Design Initiated	---	2/3/2025
60% PS&E	6 weeks	3/17/2025
60% Coordination Meeting	4 weeks	4/14/2025
Potholes Initiated	---	4/14/2025
Potholes Completed	4 weeks	5/12/2025
SRP Electrical Design Completed	16 weeks	5/26/2025
90% PS&E	2 weeks	6/2/2025
90% Coordination Meeting	6 weeks	7/14/2025
Final PS&E	2 weeks	7/28/2025

On behalf of the Greenlight team, we look forward to working with **City of Chandler** to complete this important project.

Sincerely,
Greenlight Traffic Engineering, LLC



Alyssa Whitten, PE
Project Manager
alyssaw@greenlightte.com
(602) 510-6615

Attachments:

- A – Scope of Services/Schedule
- B – Fee Schedule
- C – Sub Consultant Scope and Fee

DS2402.201 – Traffic Signal at Gilbert Rd and Amanda Blvd

EXHIBIT “A” SCOPE OF SERVICES/SCHEDULE

1. PROJECT MANAGEMENT AND COORDINATION:

- 1.1 **Invoicing and PM Reports:** Greenlight will prepare and electronically transmit monthly invoices to the City's Project Manager and City's Capital Projects accounting department. Greenlight will include a Project Manager's report summarizing:

- a. Past work effort
- b. Planned work effort
- c. Scope changes/value added to date
- d. Schedule status
- e. Budget status
- f. Input needed from City
- g. Other issues and/or concerns

This task includes preparation of up to eight (8) invoices and project manager reports estimated at 1 hour each.

- 1.2 **City Coordination:** Greenlight will coordinate with the City's project manager and functional groups to address day-to-day project items that need input from City staff.
- 1.3 **Internal and Subconsultant Coordination:** Greenlight will coordinate with internal staff and subconsultants to address day-to-day project items and execution of work. Time for these efforts includes eight (8) emails or phone calls per month for up to eight (8) months.

2. MEETINGS

- 2.1 **Coordination Meetings, Agendas, Draft Meeting Summaries, Final Meeting Summaries:** Coordinate meeting time, develop draft and final meeting agenda, and develop draft and final meeting summary for the following meetings:

- a. Kickoff meeting x1
- b. Preliminary Design Meeting X1
- c. Final Design Meeting X1
- d. Coordination and Comment resolution meeting x2

3. DATA COLLECTION

- 3.1 **Field Review:** Perform field review with project team
- 3.2 **eStake Ticket:** Initiate ticket with AZ 811 and obtain available utility mapping
- 3.3 **Utility Base Mapping (QL-C):** Develop CAD utility base file based on survey points and utility company mapping

4. UTILITY COORDINATION

Greenlight will coordinate with the various Project utility owners to incorporate utilities into the Project Construction Documents in accordance with the latest version of the Arizona Utility Coordinating Committee "Public Improvement Project Guide" (PIPG). Staff will maintain organized utility mapping files and a utility tracking matrix.

The City has indicated that a Utility Coordinator will be appointed for this Project. The Utility Coordinator will be engaged starting at the 60% design submittal and will review the design for any dry utility conflicts.

- 4.1 **Utility Tracking Matrix:** Develop and maintain a utility tracking matrix to document utility contacts, when utilities were received, when "No Conflict" letters were transmitted, as well as other pertinent information.
- 4.2 **No Conflict Letters:** Develop and transmit "No Conflict" letters to utility owners that are identified from the eStake ticket.
- 4.3 **Utility Conflict Review:** Identify any potential utility conflicts based on the utility conflict reviews and update the design accordingly.
- 4.4 **Electrical Point of Service Location and Electrical Design Coordination:** Greenlight will coordinate with the electrical service provider (SRP) for location of electrical point of service connection and electrical design approval. Greenlight will coordinate with the electric provider to initiate and finalize the electrical design.

5. CONSTRUCTION DOCUMENTS (PS&E)

- 5.1 **30% Preliminary Design Plan Submittal:** Prepare one (1) 30% traffic signal design layout sheet
- 5.2 **60%, 90% and Final/Sealed Plan Submittals:** Prepare up to ten (10) sheets for the 60%, 90%, and Final/sealed plan submittals. A summary of comments (SOC) will be provided with subsequent submittals.

The following plan sheets will be developed for submittal:

- a. Cover Sheet (1)
 - b. General Notes (1)
 - c. Geometric Control (sub, 1)
 - d. Ramp Detail Sheets (sub, 1)
 - e. Traffic Signal Notes and Legend Sheet (1)
 - f. Traffic Signal Layout Sheet, 1" = 20' (1)
 - g. Traffic Signal Pole Schedule Sheet (1)
 - h. Traffic Signal Conductor Schedule and Equipment Details Sheet (1)
 - i. Signing and Pavement Marking Notes, Details and Legend Sheet (1)
 - j. Signing and Pavement Marking Plans, 1" = 40' (1)
 - k. Utility company detail sheet, NTS (1, if needed)
- 5.3 **Quantities and Engineer's Estimate:** Greenlight will calculate quantities and prepare an Engineer's Opinion of Probable Construction Costs. This will be submitted with the 60%, 90% and final/sealed plan submittals.
 - 5.4 **Technical Specifications:** Greenlight will modify City technical specifications based on Project specific needs. The Project technical specifications will be compiled into a standalone document that will be submitted with the 60%, 90% and final/sealed plan submittals.
 - 5.5 **Intersection Exhibit for Public Involvement:** Greenlight will develop an exhibit showing the proposed intersection improvements to be used as part of the public involvement outreach.

6. SUB-CONSULTANT SERVICES

- 6.1 **Topographic Survey and Base Mapping (TYLin):** TYLIN International (TYLin) will utilize Cooper Aerial Surveys Co. to collect and develop topographic survey and base mapping within an approximate radius of 200 feet around the intersection.
- 6.2 **Ramp Design (TYLin):** TYLin will design new ADA ramps and identify other

necessary improvements on up to (4) corners.

7. ALLOWANCES

- 7.1 **Owner's Allowance:** An Owner's Allowance of 10% will be applied to this project. This allowance will only be used with prior written approval from the City to cover unforeseen design tasks associated with the project.
- 7.2 **Legal Descriptions (TYLin):** Provide up to four (4) legal description(s) for right-of-way (ROW) or temporary construction easements (TCEs).
- 7.3 **Landscape/Irrigation Coordination (TYLin):** TYLin will coordinate the landscape and irrigation within the intersection.
- 7.4 **Potholing Allowance (Safe Site):** – Safe Site will perform potholing for utilities in the vicinity of future traffic signal pole locations, as well as to determine location of other potential underground utilities to avoid conflicts during construction.
- 7.5 **Public Involvement Support (Your Project Marketing and Outreach):** Your Project Marketing and Outreach (YPMO) will initiate discussions with surrounding residents to build awareness and support of the traffic signal project. City team will determine if public outreach is necessary and will initiate public outreach tasks as needed.

EXHIBIT "B"
COMPENSATION AND FEES

DS2402.201 - Traffic Signal at Gilbert Rd and Amanda Blvd
EXHIBIT "B-1"
Lump Sum Cost Per Task

TASK DESCRIPTION		SUBTOTAL
Task 1.0 Project Management and Coordination		\$ 12,100.00
1.1	Invoicing and PM Reports	\$ 2,530.00
1.2	City Coordination	\$ 2,090.00
1.3	Internal and Subconsultant Coordination	\$ 7,480.00
Task 2.0 Meetings		\$ 4,400.00
2.1	Coordination Meetings, Agendas, Draft Meeting Summaries, Final Meeting Summaries	\$ 4,400.00
Task 3.0 Data Collection		\$ 3,980.00
3.1	Field Review	\$ 1,320.00
3.2	eStake Ticket	\$ 330.00
3.3	Utility Base Mapping (QL-C)	\$ 2,330.00
Task 4.0 Utility Coordination		\$ 7,920.00
4.1	Utility Tracking Matrix	\$ 2,640.00
4.2	No Conflict Letters	\$ 1,320.00
4.3	Utility Conflict Review	\$ 2,640.00
4.4	Electrical Point of Service Location and Electrical Design Coordination	\$ 1,320.00
Task 5.0 Construction Documents (PS&E)		\$ 33,640.00
5.1	30% Preliminary Design Plan Submittal	\$ 3,940.00
5.2	60%, 90% and Final/Sealed Plan Submittals	\$ 18,360.00
5.3	Quantities and Engineer's Estimate	\$ 5,040.00
5.4	Technical Specifications	\$ 4,620.00
5.5	Intersection Exhibit for Public Involvement	\$ 1,680.00
Task 6.0 Sub-Consultant Services		\$ 18,735.38
6.1	Topographic Survey and Base Mapping (TYLin)	\$ 3,876.94
6.2	Ramp Design (TYLin)	\$ 14,858.44
Task 7.0 Allowances		\$ 34,847.08
7.1	Owner's Allowance (10% of Contract Cost)	\$ 8,077.54
7.2	Legal Descriptions (TYLin)	\$ 3,716.94
7.3	HOA Landscape/Irrigation Coordination (TYLin)	\$ 2,022.60
7.4	Potholing Allowance (Safe Site)	\$ 17,690.00
7.5	Public Involvement Support (Your Project Marketing and Outreach)	\$ 3,340.00
TOTAL COST:		\$ 115,622.46

DS2402.201 - Traffic Signal at Gilbert Rd and Amanda Blvd
EXHIBIT "B-2"
Hours and Rates

		QAQC Manager	Project Manager	Engr / Designer	Admin	< PROJECT ROLE	
		Scott Kelley	Alyssa Whitten	Ivan Fraire	Nicole Schmidt		
		\$ 220.00	\$ 165.00	\$ 100.00	\$ 55.00	< HOURLY RATES	
TASK DESCRIPTION						TOTAL HOURS PER TASK	
Task 1.0 Project Management and Coordination		8	60	0	8	76	
1.1	Invoicing and PM Reports	2	10		8	20	
1.2	City Coordination	2	10			12	
1.3	Internal and Subconsultant Coordination	4	40			44	
Task 2.0 Meetings		5	20	0	0	25	
2.1	Coordination Meetings, Agendas, Draft Meeting Summaries, Final Meeting Summaries	5	20			25	
Task 3.0 Data Collection		0	12	20	0	32	
3.1	Field Review		8			8	
3.2	eStake Ticket		2			2	
3.3	Utility Base Mapping (QL-C)		2	20		22	
Task 4.0 Utility Coordination		0	48	0	0	48	
4.1	Utility Tracking Matrix		16			16	
4.2	No Conflict Letters		8			8	
4.3	Utility Conflict Review		16			16	
4.4	Electrical Point of Service Location and Electrical Design Coordination		8			8	
Task 5.0 Construction Documents (PS&E)		16	88	156	0	260	
5.1	30% Preliminary Design Plan Submittal	1	8	24		33	
5.2	60%, 90% and Final/Sealed Plan Submittals	8	40	100		148	
5.3	Quantities and Engineer's Estimate	3	12	24		39	
5.4	Technical Specifications	3	24			27	
5.5	Intersection Exhibit for Public Involvement	1	4	8		13	

EXHIBIT "C"

INSURANCE REQUIREMENTS

1. General.

- 1.1 At the same time as execution of this Agreement, Consultant must furnish City a certificate of insurance on a standard insurance industry ACORD form. The ACORD form must be issued by an insurance company authorized to transact business in the State of Arizona possessing a current A.M. Best, Inc. rating of A-7, or better and legally authorized to do business in the State of Arizona with policies and forms satisfactory to City. Provided, however, the A.M. Best rating requirement will not be deemed to apply to required Workers' Compensation coverage.
 - 1.2 Consultant and any of its subconsultants must procure and maintain, until all of their obligations have been discharged, including any warranty periods under this Agreement are satisfied, the insurances set forth below.
 - 1.3 The insurance requirements set forth below are minimum requirements for this Agreement and in no way limit the indemnity covenants contained in this Agreement.
 - 1.4 City in no way warrants that the minimum insurance limits contained in this Agreement are sufficient to protect Consultant from liabilities that might arise out of the performance of the Agreement services under this Agreement by Consultant, its agents, representatives, employees, subconsultants, and Consultant is free to purchase any additional insurance as may be determined necessary.
 - 1.5 Failure to demand evidence of full compliance with the insurance requirements in this Agreement or failure to identify any insurance deficiency will not relieve Consultant from, nor will it be considered a waiver of its obligation to maintain the required insurance at all times during the performance of this Agreement.
 - 1.6 Use of subconsultants: If any work is subcontracted in any way, Consultant must execute a written Agreement with subconsultant containing the same Indemnification Clause and Insurance Requirements as City requires of Consultant in this Agreement. Consultant is responsible for executing the Agreement with the subconsultant and obtaining Certificates of Insurance and verifying the insurance requirements.
2. Minimum Scope and Limits of Insurance. Consultant must provide coverage with limits of liability not less than those stated below.

- 2.1 *Professional Liability.* If the Agreement is the subject of any professional services or work performed by Consultant, or if Consultant engages in any professional services or work adjunct or residual to performing the work under this Agreement, Consultant must maintain Professional Liability insurance covering errors and omissions arising out of the work or services performed by Consultant, or anyone employed by Consultant, or anyone whose acts, mistakes, errors and omissions Consultant is legally liable, with a liability limit of \$1,000,000 each claim and \$2,000,000 all claims. In the event the Professional Liability insurance policy is written on a "claims made" basis, coverage must extend for 3 years past

completion and acceptance of the work or services, and Consultant, or its selected Design Professional will submit Certificates of Insurance as evidence the required coverage is in effect. The Design Professional must annually submit Certificates of Insurance citing that the applicable coverage is in force and contains the required provisions for a 3 year period.

2.2 *Commercial General Liability-Occurrence Form.* Consultant must maintain "occurrence" form Commercial General Liability insurance with a limit of not less than \$2,000,000 for each occurrence, \$4,000,000 aggregate. Said insurance must also include coverage for products and completed operations, independent contractors, personal injury and advertising injury. If any Excess insurance is utilized to fulfill the requirements of this paragraph, the Excess insurance must be "follow form" equal or broader in coverage scope than underlying insurance.

2.3 *Automobile Liability-Any Auto or Owned, Hired and Non-Owned Vehicles Vehicle Liability:* Consultant must maintain Business/Automobile Liability insurance with a limit of \$1,000,000 each accident on Consultant owned, hired, and non-owned vehicles assigned to or used in the performance of Consultant's work or services under this Agreement. If any Excess or Umbrella insurance is utilized to fulfill the requirements of this paragraph, the Excess or Umbrella insurance must be "follow form" equal or broader in coverage scope than underlying insurance.

2.4 *Workers Compensation and Employers Liability Insurance:* Consultant must maintain Workers Compensation insurance to cover obligations imposed by federal and state statutes having jurisdiction of Consultant employees engaged in the performance of work or services under this Agreement and must also maintain Employers' Liability insurance of not less than \$1,000,000 for each accident and \$1,000,000 disease for each employee.

3. Additional Policy Provisions Required.

3.1 *Self-Insured Retentions or Deductibles.* Any self-insured retentions and deductibles must be declared and approved by City. If not approved, City may require that the insurer reduce or eliminate any deductible or self-insured retentions with respect to City, its officers, officials, agents, employees, and volunteers.

3.1.1. Consultant's insurance must contain broad form contractual liability coverage.

3.1.2. Consultant's insurance coverage must be primary insurance with respect to City, its officers, officials, agents, and employees. Any insurance or self-insurance maintained by City, its officers, officials, agents, and employees will be in excess of the coverage provided by Consultant and must not contribute to it.

3.1.3. Consultant's insurance must apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

3.1.4. Coverage provided by Consultant must not be limited to the liability assumed under the indemnification provisions of this Agreement.

- 3.1.5. The policies must contain a severability of interest clause and waiver of subrogation against City, its officers, officials, agents, and employees, for losses arising from Work performed by Consultant for City. (Does not apply to Professional Liability coverage.)
- 3.1.6. Consultant, its successors and or assigns, are required to maintain Commercial General Liability insurance as specified in this Agreement for a minimum period of 3 years following completion and acceptance of the Work. Consultant must submit a Certificate of Insurance evidencing Commercial General Liability insurance during this 3-year period containing all the Agreement insurance requirements, including naming City of Chandler, its agents, representatives, officers, directors, officials and employees as Additional Insured as required.
- 3.1.7. If a Certificate of Insurance is submitted as verification of coverage, City will reasonably rely upon the Certificate of Insurance as evidence of coverage, but this acceptance and reliance will not waive or alter in any way the insurance requirements or obligations of this Agreement.

3.2. *Insurance Cancellation During Term of Agreement.*

- 3.2.1. If any of the required policies expire during the life of this Agreement, Consultant must forward renewal or replacement Certificates to City within 10 days after the renewal date containing all the required insurance provisions.
- 3.2.2. Each insurance policy required by the insurance provisions of this Agreement must provide the required coverage and must not be suspended, voided or canceled except after thirty (30) days prior written notice has been given to City, except when cancellation is for non-payment of premium, then ten (10) days prior notice may be given. Such notice must be sent directly to Chandler Law-Risk Management Department, Post Office Box 4008, Mailstop 628, Chandler, Arizona 85225. If any insurance company refuses to provide the required notice, Consultant or its insurance broker must notify City of any cancellation, suspension, non-renewal of any insurance within seven (7) days of receipt of insurers' notification to that effect.

3.3 *City as Additional Insured.* The policies are to contain, or be endorsed to contain, the following provisions:

- 3.3.1. The Commercial General Liability and Automobile Liability policies are to contain, or be endorsed to contain, the following provisions: City, its officers, officials, agents, and employees are additional insureds with respect to liability arising out of activities performed by, or on behalf of, Consultant; Products and Completed operations of Consultant; and automobiles owned, leased, hired, or borrowed by Consultant.
- 3.3.2. City, its officers, officials, agents, and employees must be additional insureds to the full limits of liability purchased by Consultant even if those limits of liability are in excess of those required by this Agreement.

EXHIBIT "D"

SPECIAL CONDITIONS

Standard Details and Specifications. Consultant must be familiar with City's latest revision of the MAG Specifications and MAG Standard Details as amended by City. City's current amendment to the MAG Specifications, part of City's Unified Development Manual, may be found and downloaded from City's website at <http://www.chandleraz.gov/udm>.

City Ownership of Project Documents. All work products (electronically or manually generated) including, but not limited to: plans, specifications, cost estimates, field notes, tracings, studies, investigations, design analyses, original drawings, original mylars, Computer Aided Drafting and Design (CADD) file diskettes which reflect all final drawings, and other related documents which are prepared in the performance of this Agreement (collectively referred to as "Documents") are to be and remain the property of City and are to be delivered to the Project Manager before the final payment is made to Consultant. In the event these Documents are altered, modified or adapted without the written consent of Consultant, which consent Consultant must not unreasonably withhold, City agrees to hold Consultant harmless to the extent permitted by law from the legal liability arising out of City's alteration, modification or adaptation of the Documents.

Re-use of Documents. The parties agree the documents, drawings, specifications and designs, although the property of City, are prepared for this specific project and are not intended nor represented by Consultant to be suitable for re-use for any other project. Any re-use 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.

Documents to Bear Seal. Consultant and its subconsultants must endorse by professional seal all plans, works, and deliverables prepared by each for this Agreement as required by state law.

Work within City's Right-of-Way. All work performed within City's Right-of-Way by Consultant and Consultant's subconsultants must comply with City of Chandler requirements.

EXHIBIT "E"
SUBCONSULTANT DOCUMENTS WITH CONSULTANT

Any subconsultant assumptions, clarifications, exclusions, terms & conditions, signature blocks, etc. included are strictly between the Consultant and their subconsultants, and do not apply to the Agreement between the Consultant and the City.

**PROPOSAL FOR
GILBERT ROAD AND AMANDA BOULEVARD
TRAFFIC SIGNAL IMPROVEMENTS
CITY OF CHANDLER
PROJECT NO. TBD**

TYLIN International (Consultant) shall prepare final design plans for modifications to the existing sidewalk ramps at the intersection of Gilbert Road and Amanda Boulevard. In addition, TYLin Sub Consultant Cooper Aerial shall provide survey including topo base mapping, right of way, centerline. The modifications will be based on the preliminary design layout for the traffic signal improvements provided by Greenlight Traffic Engineering. It is assumed that modifications to the existing pavement at Gilbert Road and Amanda Boulevard will not be required. Furthermore, the existing concrete valley gutter at Amanda Boulevard shall remain in place. The plans and specifications will be prepared based on the following scope of work:

Task 1 – Project Management, Meetings and Coordination

Consultant shall provide project management and coordination services required to complete the scope of work and coordinate the project with the City and stakeholders. The following is a list of anticipated activities:

- Project coordination with Greenlight Traffic Engineering and City staff.
- Supervise execution of work.
- Coordinate quality control reviews of project activities and deliverables.
- Prepare monthly invoices and progress reports.

Consultant has budgeted three (3) meetings as part of this task. Project management and coordination hours are estimated for the design duration (12 weeks), including City review and approval of the plans.

Task 2 – Site Visit / Data Acquisition

A site visit will be conducted by the Consultant to identify key areas of concern and engineering challenges that might have an impact on the project design. The site visit will familiarize us with the following:

- General topography
- Existing utilities
- Drainage conditions
- Adjacent development
- Existing landscaping
- Existing features such as fences, walls, signs, street lighting etc.

It is anticipated that Greenlight Traffic Engineering shall obtain any available as-built plans and maps from the City to assist in establishing the existing roadway right-of-way and infrastructure features. Greenlight Traffic Engineering shall provide any utility mapping from all owners having existing utility facilities present within the project roadways.

Task 3 – Development of Final Design Plans, Specifications and Estimate

Consultant shall prepare final design plans for the ADA ramps at all four corners. Plans will be prepared in AutoCAD format and according to City of Chandler standards. The following is a list of sheets that are anticipated to be developed:

- Paving Sheet (1)
 - *Will include construction notes and quantities for removals and construction of ramps. Dimensions to right of way and easements will be provided as well as information regarding centerline and existing monuments. Any new Right of Way or Easements required shall also be depicted and dimensioned. Existing utilities will also be shown (base mapping provided by Green Light Traffic Engineering).*
 - *Scale: 1" = 20' H, 1"=2' V*
- Ramp Details Sheet (2)
 - *Will include details required for the construction of the new ADA ramps. Plans shall depict proposed traffic signal locations and proposed ramp dimensions, elevations and grading*
 - *Scale: 1" = 5' H*

A total of seven (7) sheets are anticipated to be prepared as part of this task. The following base files (proposed traffic signal improvements, proposed signing and striping and existing utilities) shall be provided by Greenlight Traffic Engineering.

Allowances

Task 4 – Survey Base Mapping

TY Lin Sub Consultant Cooper Aerial will establish centerline and right of way limits for both Gilbert Road and Amanda Boulevard. Furthermore, accurate mapping via total station will be provided for the intersection up to 200' in each direction.

Task 5 – Legal Descriptions and Exhibits

For budgetary purposes, TY Lin Sub Consultant Cooper Aerial has included an allowance for preparation of legal descriptions and exhibits (up to four).

Task 6 – HOA Coordination

For budgetary purposes, Consultant has included an allowance of \$2,022.60 for coordination with HOA in the area to discuss possible landscaping impacts.

Task 7 – Reimbursable Expenses

For budgetary purposes, Consultant has included an allowance of \$500.00 for reimbursable items such as copies, mail, mileage, delivery services. All reimbursable items shall be invoiced by the Consultant at direct cost. Cost data (backup) will be included with the appropriate invoices.

Submittals

Consultant shall submit the following documents as part of this contract:

- 30% Roll Plot Exhibit
- 60% Plans and Estimate, one (1) electronic copy (PDF), and CAD files.
- 90% Plans, Specs and Estimate, one (1) electronic copy (PDF), and CAD files.
- FINAL Sealed Plans, Specs and Estimate, one (1) electronic copy (PDF), and CAD files.

Contract Exclusions

- Geotechnical Report
- Environmental Documentation
- Drainage Report / Memorandum
- Public Outreach
- Potholing Services
- Any other services not specifically included as part of this proposal

The total professional fee requested for the completion of these tasks is based on a Lump Sum in the amount of \$24,974.92 (See attached Exhibit 'A' - Compensation).

Should you have any questions and/or require additional information, please contact me.

Sincerely,



Carlos Sanchez Soria, P.E.
Scottsdale Location Manager | Associate Vice President
Principal Project Manager

Cc: James Barr, P.E.

T:\Tempe\Marketing\Pursuits\Arizona\Greenlight\Gilbert Rd and Amanda Blvd\Gilbert Rd and Amanda Blvd_Scope of Services_8-20-24.doc



8/26/2024

CITY OF CHANDLER PROJECT NO. TBD

GILBERT ROAD AND AMANDA BOULEVARD TRAFFIC SIGNAL IMPROVEMENTS
PROFESSIONAL DESIGN FEES

TASK	DESCRIPTION	SENIOR PROJECT MANAGER \$258.47		PROJECT ENGINEER \$146.05		DESIGN ENGINEER \$127.96		SUB CONSULTANT	TOTAL TYLI HOURS	TOTAL TYLI FEE
		Hours	\$	Hours	\$	Hours	\$	\$	Hours	\$
BASIC SERVICES										
1	Project Management, Meetings and Coordination	4	\$1,033.88	4	\$584.20				8	\$1,618.08
2	Site Visit/Data Acquisition			8	\$1,168.40	8	\$1,023.68		16	\$2,192.08
3	Development of Final Design Plans	4	\$1,033.88	16	\$2,336.80	60	\$7,677.60		80	\$11,048.28
SUB TOTAL PROFESSIONAL FEES BASIC SERVICES		8	\$2,067.76	28	\$4,089.40	68	\$8,701.28		104	\$14,858.44
ALLOWANCES										
4	Survey Base Mapping	2	\$516.94					\$3,360.00	2	\$516.94
5	Legal Descriptions and Exhibits	2	\$516.94					\$3,200.00	2	\$516.94
6	HOA Coordination	5	\$1,292.35	5	\$730.25			\$3,200.00	10	\$2,022.60
7	Reimbursable Expenses	\$500.00								
SUB TOTAL PROFESSIONAL FEES ALLOWANCES		2	\$516.94					\$6,560.00	14	\$3,556.48
GRAND TOTAL PROFESSIONAL FEES		10	\$2,584.70	28	\$4,089.40	68	\$8,701.28	\$6,560.00	118	\$24,974.92



COOPER AERIAL SURVEYS CO.

PROJECT MANAGER
Dennis Harmon
253.344.9864
dennis@cooperaerial.com

Cost Proposal for Gilbert Road and Amanda Blvd

Carlos Sanchez Soria
TY LIN International Group -7690
1475 N. Scottsdale Road, Suite 450
Scottsdale, AZ 85257
480-968-8814
carlos.sanchez-soria@tylin.com

Proposal Date:
08/16/2024
Project Location:
chandler
85249

Cooper Aerial Surveys Co. is pleased to provide its cost proposal for aerial mapping and related services. This proposal is valid for thirty days from issuance date. The following is a summary of services to be provided. Please sign below and return the approved proposal to your Cooper Aerial Project Manager as acceptance of scope of services, proposed cost, and agreement to payment terms (30 days from completion of the work and provision of deliverables.)

Project Scope

Survey Services	No notes for this survey job. *Access shall be provided to the subject property prior to the commencement of work
-----------------	--

Estimated Duration*

20 working days

* Expediting must be addressed upon project authorization and additional charges may apply.

Deliverables for Gilbert Road and Amanda Blvd

2D Planimetrics and Contours Civil3D (DWG), XML Surface file



COOPER AERIAL SURVEYS CO.

PROJECT MANAGER
Dennis Harmon
253.344.9864
dennis@cooperaerial.com

Project Notes

Cooper Aerial is pleased to provide surveying and mapping for the intersection of Gilbert Road and Amanda Blvd in the City of Chandler.

Survey Notes

Cooper Aerial will:

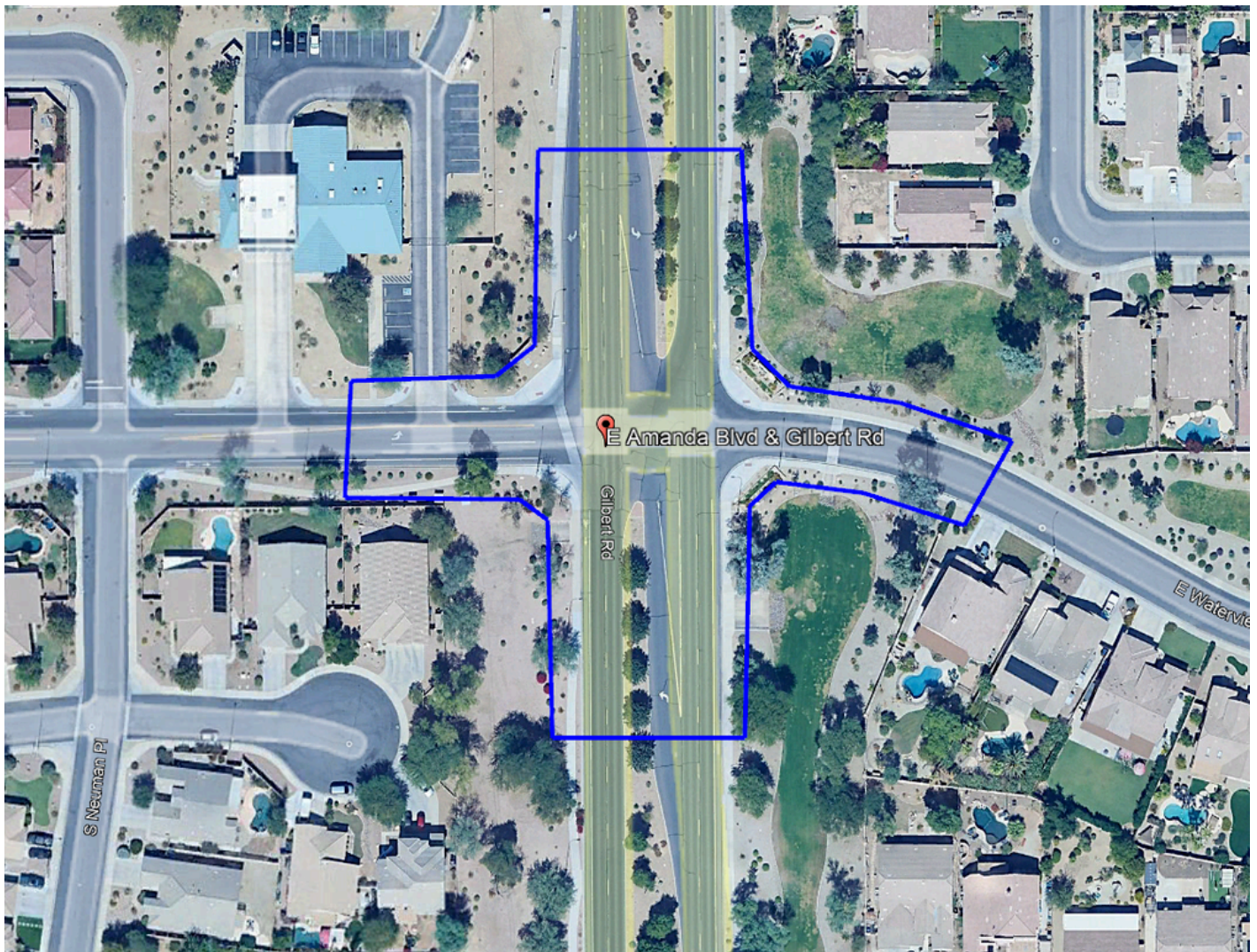
1. Collect sufficient monumentation to establish, the centerline and right-of-way limits of Gilbert Road and Amanda Blvd.
 - This is not a boundary survey, the right-of-way and centerline information will be established per Maricopa County Assessor information.
2. Provide accurate mapping via total station for the intersection.
 - contour interval will be 1'
 - mapping to extend 200' in each direction from intersection
 - mapping to extend 5' behind existing sidewalks
 - significant trees will be located within mapping limits
3. Provide up to 4 legal descriptions. (\$800 each)

COST BREAKDOWN

Item 1&2: \$3,360
item 3: \$3,200

Mapping Limits

* Cost and estimated turnaround are for mapping limits show. Expansion of mapping limits will result in price increase and additional turnaround time.



Sincerely,

Dennis Harmon

CLIENT ACCEPTANCE

Printed Name:

Title:

Signature:

Date:

TOTAL FEE: \$6,560.00

(plus taxes where applicable)

☐ * Check here if you give permission to Cooper Aerial Surveys Co. to use your project for marketing purposes.

All fees are listed in USD *Accounts not paid within 60 days of the date of the invoice are subject to a 2% monthly finance charge*



QUOTE

Safe Site Utility Services LLC

Company Address	7623 N 73rd Dr Glendale, Arizona 85303	Created Date	7/26/2024
Phone	(602) 606-8882	Quote Number	00004109
Email:	Bids@safesitellc.com	Opportunity	OP24-3303
Licenses:	AZ: ROC 211956 / NV: NSC 0078575	Expiration Date	10/24/2024

Customer Information

Opportunity Name	Gilbert Rd & Amanda Blvd TS	Phone	(602) 510-6615
Contact Name	Alyssa Whitten, PE	Email	alyssaw@greenlightte.com
Account Name	Greenlight Traffic Engineering, LLC	Billing Address	14050 N 83rd Ave Suite 290 Peoria, AZ 85303

Work Site Info

Site Address S Gilbert Rd & E Amanda Blvd, Chandler, AZ
85249

Scope of Work

Description Perform Hydro-Excavation Services for traffic signal design at the intersection of Gilbert Rd. and Amanda Blvd.

- (4) Mast-Arm pole clearing holes - dimensions 3' X 8'

- (4) Non- Mast - Arm pole clearing holes - dimensions 3' X 6'

Contingency added for (4) additional pole clearing holes dimensions 3' X 6'; note that additional costs may be needed to complete additional pole clearing holes based on the location.

Additional Terms

- All pricing assumes pole clearing holes can be perform in dirt, no pricing for roadway/sidewalk cutting/restoration has been included.
- Should caliche, tree roots, concrete, rocks in excess of 6" diameter, or other materials encumber vacuum excavation, work will be halted and referred back to Client for alternative solutions which may include authorization to continue work at Hourly Rate of \$265 per hour.
- Pricing assumes that any test holes that may fall within a concrete surface (I.e. sidewalk or driveway) will be moved (within a reasonable distance) to avoid cutting that surface. If a concrete surface does have to be cut, our pricing assumes we can core and reinstate per MAG Spec 212B. If the inspector requires us to replace the concrete panel, we will reach out to client to discuss alternatives to avoid those costs which, if incurred, would have to be passed through to client.
- Pricing assumes that we will have access allowing us to maneuver our truck to within 15' of hole(s) to be excavated.

Product	Line Item Description	Sales Price	Quantity	Total Price
Pole Clearing Holes	(4) Mast-Arm Clearing Holes - 3' X 8'	\$1,200.00	4.00	\$4,800.00
Pole Clearing Holes	(4) Non-Mast-Arm Clearing Holes - 3' X 6'	\$600.00	4.00	\$2,400.00
Traffic Control	Lane Closures	\$3,105.00	1.00	\$3,105.00
Ancillary Costs (Permitting, Traffic Control, Back-fill, Etc.)	(City of Chandler) Associated Permitting Costs	\$500.00	1.00	\$500.00
Back-fill - Flowable Slurry	1/2 Sack Slurry Backfill	\$3,312.00	1.00	\$3,312.00
Survey & Stamped Report		\$943.00	1.00	\$943.00
CAD Services	Associated Survey: CAD Processing/Deliverable	\$230.00	1.00	\$230.00
Pole Clearing Holes	Contingency (4) Addtl Clearing Holes - 3' X 6'	\$600.00	4.00	\$2,400.00

Totals

Total Price \$17,690.00

Payment Terms (Established Customers) - Net 30 Days - Any unpaid balance remaining beyond due date will be subject to interest at an annual rate of 18% (1.5% per month).

New Customer Policy - Full payment will be required upon completion of the services via credit card that has been pre-authorized. If charges for services are anticipated to be in excess of \$1000, we will require a 35% retainer to be paid prior to commencement of services. Retainer payment can be made via check, ACH or credit card. If by credit card a 3% processing fee will be added.

DISCLAIMER: Safe Site will exercise its due diligence in identifying and locating all utilities. However, due to factors beyond our control including lack of maps, inaccuracy of maps, lack of above ground indications of utilities, the presence of unknown and non-electromagnetically conductive utilities and soil conditions being non-conductive to GPR scans, Safe Site cannot guarantee that all utilities will be found. Please observe a buffer zone equal to 2 feet either side of our markings. Markings are only good for a period of 14 days. Please call us for remarking should your job extend beyond that time frame.

The Proposal/Quote is hereby accepted according to the Scope of Work, Fees and Terms and Conditions contained herein. Safe Site Utility Services, LLC is authorized to proceed with the work described and invoice Client upon completion.

Signature

Date

Printed Name

YPMO Estimate: Community Outreach/PR for Greenlight Traffic Engineering (7/22/24)

**New Traffic Signal
Gilbert Road and Amanda Boulevard**

	Hours	RATE	TOTAL	Task 1	Task 2	Task 3
				PIO Planning, Team Commu- ication, Progress Mtgs and Coord.	Design Phase	Construction Hotline and Public Commu- ication
LABOR						
Design Phase Services						
Senior PIO Manager	2	\$ 140.00	\$ 280.00	2	0	0
PIO Manager	22	\$ 110.00	\$ 2,420.00	8	6	8
Communications Specialist/Spanish Translator	0	\$ 90.00	\$ -	0	0	0
Graphic Designer	2	\$ 80.00	\$ 160.00	0	2	0
PIO Coordinator	0	\$ 75.00	\$ -	0	0	0
Administrative Assistant	6	\$ 80.00	\$ 480.00	6	0	0
SUBTOTAL LABOR	32		\$ 3,340.00	16	8	8

Project Duration: 6 Months, Anticipated start August 2024

Project Scope: The City of Chandler is designing a new traffic signal for the intersection of Gilbert Road and Amanda Boulevard.

DIRECT EXPENSES	QUANTITY	RATE	
Construction Hotline: N/A	-	\$ 20.00	\$ -
SUBTOTAL DIRECT EXPENSES			\$ -

TOTAL: NOT-TO- EXCEED \$ 3,340.00

Task 1: PI Planning, Team Communication, Progress Mtgs and Coordination

- PIO Planning with City, Engineer, and YPMO Team
- Communication with City staff, Engineer, and Contractors throughout design
- Prepare for and attend design phase progress meetings (4)
- Coordinate on-site meetings with HOAs (2)
- Monthly reporting (6)

Task 2: Design Phase

- Prepare design phase project notice to be emailed to the HOAs
- Communication with Chandler City Management as needed

Task 3: Project Hotline & Public Communication

- Communication with Springfield Lakes HOA and Cooper Commons HOA as needed
- Communication with team, as needed

YOUR PROJECT MARKETING & OUTREACH, LLC

3550 N. CENTRAL AVENUE, SUITE 1290, PHOENIX, AZ 85012 | Tel: (602) 795-1515 | Web: yourprojectmo.com

EXHIBIT "F"
FEDERAL REQUIREMENTS

N/A