



PROFESSIONAL SERVICES AGREEMENT
Design Services
UNION PACIFIC RAILROAD (UPRR) AND WILLIS ROAD IMPROVEMENTS
Project No. ST2307.201

Council Date: March 23, 2023

Item No.

This Agreement ("Agreement") is made and entered into on the ____ day of _____, 2023 ("Effective Date"), by and between City of Chandler, an Arizona municipal corporation, ("City"), and **EPS Group, Inc.**, an Arizona corporation, ("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 **UNION PACIFIC RAILROAD (UPRR) AND WILLIS ROAD IMPROVEMENTS** 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 **365** 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 **\$190,641.50** 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: Kimberly Moon, P.E. P.O. Box 4008, Mail Stop 407 Chandler, AZ 85244-4008 Phone: 480-782-3349 Email: kimberly.moon@chandleraz.gov																							
With a copy to:	City of Chandler - Public Works & Utilities Department Attn: Rachel Marx, Project Manager P.O. Box 4008, Mail Stop 407, Chandler, AZ 85244-4008 Phone: 480-782-3354 Email: rachel.marx@chandleraz.gov																							
To Consultant:	<table border="1"> <tr> <td>LEGAL COMPANY NAME:</td> <td>EPS Group, Inc.</td> </tr> <tr> <td>Mailing Address:</td> <td>1130 N. Alma School Road, Suite 120 Mesa, AZ 85201</td> </tr> <tr> <td>Physical Address:</td> <td>Same as mailing address</td> </tr> <tr> <td>Statutory Agent Name:</td> <td>US Service Corp – C/O Steve West</td> </tr> <tr> <td>Statutory Agent Mailing Address:</td> <td>1138 N. Alma School Rd., Ste 101 Mesa, AZ 85201</td> </tr> <tr> <td>Statutory Agent Physical Address:</td> <td>Same as mailing address</td> </tr> <tr> <td colspan="2">CONSULTANT'S AUTHORIZED PROJECT REPRESENTATIVE</td> </tr> <tr> <td>Name:</td> <td>Greg Froehlich</td> </tr> <tr> <td>Title:</td> <td>Project Manager/Principal</td> </tr> <tr> <td>Phone:</td> <td>480-503-2250</td> </tr> <tr> <td>Email:</td> <td>Greg.froehlich@epsgroupinc.com</td> </tr> </table>		LEGAL COMPANY NAME:	EPS Group, Inc.	Mailing Address:	1130 N. Alma School Road, Suite 120 Mesa, AZ 85201	Physical Address:	Same as mailing address	Statutory Agent Name:	US Service Corp – C/O Steve West	Statutory Agent Mailing Address:	1138 N. Alma School Rd., Ste 101 Mesa, AZ 85201	Statutory Agent Physical Address:	Same as mailing address	CONSULTANT'S AUTHORIZED PROJECT REPRESENTATIVE		Name:	Greg Froehlich	Title:	Project Manager/Principal	Phone:	480-503-2250	Email:	Greg.froehlich@epsgroupinc.com
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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 Consultant 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 - 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"
EPS Group, Inc.

MAYOR

 2/14/2023

Signature Date

RECOMMENDED BY:



Kimberly Moon, P.E.
CIP City Engineer

Greg Froehlich
Print Name

Project Manager/Principal
Title

greg.froehlich@epsgroupinc.com
Signer Email Address

APPROVED AS TO FORM:

City Attorney



ATTEST:

City Clerk

Seal

EXHIBIT "A"
SCOPE OF SERVICES/SCHEDULE

ST2307.201 UNION PACIFIC RAILROAD (UPRR)/WILLIS ROAD IMPROVEMENTS

EXHIBIT "A" SCOPE OF SERVICES/SCHEDULE

1. PROJECT DESCRIPTION & SCOPE OF CONSTRUCTION:

- 1.1 Consultant will provide services for the design, permitting, development of construction documents for the development of a widened Union Pacific Railroad (UPRR) Crossing, located on Willis Road approximately ¼ mile east of Arizona Avenue, Chandler, Arizona, all as more specifically described herein below.

- 1.2 This project will include the removal/relocation of the existing railroad facilities including gates, controllers, etc. as needed to widen the Willis Road crossing. It is expected that UPRR will design its own facilities as coordinated by EPS Group.

EPS Group will provide the design for the new widened roadway, curb & gutter, ADA sidewalks, pavement marking, signing as needed to complete the roadway and match the improvements built to the west and east. It is anticipated that signing and pavement marking designs may extend up to 1000' east and west of the rail crossing.

EPS will also provide the design for the replacement of an existing waterline under the tracks to 10' beyond the UPRR right-of-way with a new 12" waterline. EPS will also provide design for a new reclaimed waterline for the same distance. Each of these new pipelines will include boring and jacking designs, casing pipe, etc. to meet UPRR requirements.

SRP irrigation facilities will be relocated to accommodate the proposed improvements. This will include the junction structures, pipelines, etc. as necessary to accommodate the proposed railroad crossing widening. EPS will provide location and other conceptual irrigation designs to SRP. SRP will then design its facilities.

No new landscape construction is anticipated as the work is almost entirely within the UPRR right-of-way.

- 1.3 The project design budget is \$190,642. All design of the project is expected be completed within this budget.
- 1.4 Consultant will provide all design services for the Project including, but not limited to, civil engineering services.

2. ASSIGNMENT:

- 2.1 The design Agreement has been awarded to EPS Group based on their proposed personnel and specified consultants. Any deviations or substitutions of these team members must be pre-approved in writing by City. Those persons listed in Exhibit B will perform those portions of the work listed therein.

3. PROJECT SCHEDULE:

- 3.1 Consultant must perform the services within the times set forth in the Production Schedule included herein and made a part hereof by reference.
- 3.2 Consultant must adhere to the Production Schedule described herein and such schedule may not be modified or deviated from without written consent of City. Consultant must revise and submit for review an updated schedule whenever it is demonstrated that the time for completion of the Project Design or of any of the partial completion points listed in the schedule is delayed by two weeks or more. Such adjusted schedule will include a written explanation stating the reasons for the change and a plan for getting back on schedule. Consultant must take all reasonable actions necessary to get the project back on schedule and City will cooperate to assist Consultant.

4. QUALITY CONTROL:

- 4.1 Consultant must institute and comply with the Design Quality Control Plan attached hereto and made a part hereof by reference.

5. PRELIMINARY RESEARCH:

- 5.1 As and for preliminary research before preparing the project design, Consultant will:
 - a. Perform a Document Search for utility as-builts.
 - b. Perform a Document search for rights-of-way.
 - c. Perform a Document search for survey ties and benchmarks.
 - d. Perform a Document search for City policies, regulations, standards, design manuals, and requirements, etc. relevant to project.
 - e. Research and/or obtain geotechnical reports and investigations, drainage reports and investigations, master plans, computer model data and field surveys.
 - f. Research all utility companies/agencies and acquire all available as-built and utility records.

- g. Investigate existing conditions, make measured drawings, and verify accuracy of drawings or other information furnished by City.
- h. Consultant must provide a survey of the project area that includes complete topographical and property data of the immediate site. Design must utilize established City of Chandler benchmarks and reference locations of benchmarks on the plans. Clearly define the benchmark location and elevation that will be utilized for construction of this facility.

6. UTILITY AND STAKEHOLDER COORDINATION:

- 6.1 EPS Group will conduct progress meetings with City staff on an as-needed basis as directed by the City. Up to 6 meetings are anticipated during the project.
- 6.2 Coordination with utility companies and agencies must be in accordance with the latest version of the "Public Improvement Project Guide" (PIPG).
- 6.3 Consultant must identify utility conflicts during the initial stages of the design process. This will include the potholing of existing utilities as needed to complete the design. An allowance of up to \$34,908 for potholing has been included which assumes up to 16 potholes and includes Traffic Control required to complete the potholing work, and UPRR/SRP permits required to start the potholing work. In addition, this includes a surveyed and stamped report.
- 6.4 Consultant must coordinate the design and installation of the utilities, rail and irrigation facilities, which includes, but is not limited to, services for electric, communications, etc.
- 6.5 Easements for SRP and UPRR must be identified early in the design stage of the project and necessary information provided to City's Real Estate Department to allow City to complete acquisition during the design phase.
- 6.6 The Consultant will provide the legal descriptions for any needed SRP and UPRR easements. We anticipate up to 8 legal descriptions.
- 6.7 Consultant must submit preliminary plans, specifications, and design calculations to utilities/agencies for review and use during their design for their service improvements or any necessary relocations.
- 6.8 Consultant must conduct meetings to coordinate relocations with utility/agency and establish relocation schedules. We expect up to 3 meetings with SRP and up to 7 with UPRR.

- 6.9 Coordination with UPRR and Arizona Corporation Commission (ACC) will also be provided by OG Engineering (see attached scope of work for details).
- 6.10 Consultant must follow-up with the final design submittal for utility/rail construction and coordination with the bid documents.
- 6.11 Consultant must incorporate the utility/agency construction requirements into the bid documents.

7. GEOTECHNICAL INVESTIGATION:

- 7.1 Consultant must perform all soil and pavement borings necessary to complete their work.
- 7.2 Sub-surface soil conditions, established by the geotechnical investigations, must be incorporated into the bid documents.

8. PROJECT PLANNING

- 8.1 Consultant must meet with City staff, UPRR and SRP prior to initiating work on the 60% Plans to ascertain the requirements of the Project and will arrive at a mutual understanding of such requirements.
- 8.2 No public meetings are anticipated.

9. CONCEPTUAL EXHIBIT

- 9.1 An exhibit shall be prepared that includes the horizontal plan of the new sidewalk, curb & gutter, pavement marking, signage, and new water/reclaimed mains. It is assumed that a Draft Conceptual Exhibit is submitted for review and comment and is updated one time with a Final Conceptual Exhibit. Additional iterations would require a Contract Modification.

The approved Conceptual Exhibit will be used to obtain a Pre-Engineering Agreement (PEA) with UPRR.

10. 60% INTERMEDIATE PLANS:

- 10.1 Based on the approved Conceptual Exhibit, Consultant must prepare, for approval by City, 60% Intermediate Plans consisting of drawings and other documents. The following work elements will be completed/prepared.
- a. Typical sections, roadway plan & profiles, drainage details, lighting plans and details, and right-of-way/easement requirements.
 - b. An initial Drainage Report.
 - c. Meet with City of Chandler staff to review comments and resolve potential conflicts.
 - d. An updated construction cost estimate.
 - e. Submit to City's Project Manager for comment a complete drawing set in readable electronic format with drainage calculations.
 - f. Preliminary technical specifications.

11. 90% PLANS:

- 10.2 Based on the approved 60% Design Documents and any adjustments authorized by City, Consultant must prepare, for approval by City, 90% Plans consisting of drawings and other documents. The following work elements will be completed/prepared.
- a. Pre-final typical sections, roadway plan & profiles, drainage and rail crossing details, SRP plans and details, and final right-of-way/easement requirements.
 - b. A final Drainage Report.
 - c. Meet with City of Chandler staff to review comments and resolve potential conflicts.
 - d. An updated construction cost estimate.
 - e. Submit to City's Project Manager for comment a complete drawing set in readable electronic format with drainage calculations.
 - f. Draft technical specifications.

12. CONSTRUCTION DOCUMENTS (100% PLANS):

- 12.1 Based on the approved 90% Design Documents and any adjustments authorized by City, Consultant must prepare, for approval by City, 100% construction documents consisting of drawings and other documents. The following work elements will be completed/prepared.
- a. Pre-final typical sections, roadway plan & profiles, drainage and rail crossing details, SRP plans and details, and final right-of-way/easement requirements.
 - b. A final Drainage Memo. A formal drainage report will not be required.

- c. Meet with City of Chandler staff to review comments and resolve potential conflicts.
- d. An updated construction cost estimate.
- e. Submit to City's Project Manager for comment a complete drawing set in readable electronic format with drainage calculations.
- f. Final technical specifications.

13. BID & AWARD (Final Documents):

- 13.1 Submit sealed bid documents to the City for permitting, bidding and construction.
- 13.2 Provide electronic versions of the final bid documents along with associated AutoCAD files, and related information.
- 13.3 Pick-up plan review final comments and prepare stamped pdf documents for reproduction. City will have the bid sets reproduced from these pdf plans.
- 13.4 Assist City in the preparation of the Bid Form.
- 13.5 Attend and participate at the pre-bid conference for the purpose of answering technical questions from potential bidders.
- 13.6 Assist City in the evaluation of "substitutions and or-equals" and make a recommendation to accept or decline.
- 13.7 Prepare addenda for review and approval by City. City will distribute.
- 13.8 If bids are 10% over or under the "engineers estimate", Consultant will be required to provide a detailed evaluation explaining differences. Then the documents will be modified and re-bid at no additional cost to City.

14. ALLOWANCES:

- 14.1 Potholing allowance (Up to 16 potholes – See Scope of Work from SafeSite)
- 14.2 Right-of-way acquisition/legal descriptions (Up to 8 Legal Descriptions)
- 14.3 EPS will submit for the Approval to Construct (ATC) through MCESD. This includes the MCESD permit fees for water and for the reuse lines.
- 14.4 Owner's Allowance for miscellaneous items/expenses that may be discovered during the design process (10% of design fee)

15. PERIOD OF SERVICE (MILESTONES):

- 15.1 Following receipt of a "Notice to Proceed" with the design work, Consultant must complete the design and have all documents ready for bidding within 365 calendar days of the date indicated on the Notice to Proceed.
- 15.2 Consultant must complete all services specified herein in accordance with the Production Schedule and progress milestones included in Exhibit A attached herein. In the event delays are experienced beyond the control of Consultant, the completion date may be extended as mutually agreed upon by City and Consultant.

EXHIBIT "B"
COMPENSATION AND FEES

EXHIBIT "B-1"

Lump Sum Cost Per Task

ST2307.201 - Union Pacific Railroad (UPRR)/Willis Road Improvements



TASK DESCRIPTION		SUBTOTAL
Task 1.0 Project Description & Scope of Construction		
Task 2.0 Assignment		
Task 3.0 Project Schedule		\$ 3,260.00
3.1	Production Schedule	\$ 3,260.00
Task 4.0 Quality Control		\$ 1,225.00
4.1	Quality Control Plan/Execution	\$ 1,225.00
Task 5.0 Preliminary Research		\$ 17,020.00
5.1	Perform Document Search and Research	\$ 1,800.00
5.2	Investigate Existing Conditions	\$ 2,470.00
5.3	Survey	\$ 7,560.00
5.4	Right-of-Way Mapping Base File	\$ 2,540.00
5.5	Utility Mapping Base File	\$ 2,650.00
Task 6.0 Utility/Agency Coordination		\$ 63,815.00
6.1	Coordination with City Staff	\$ 4,710.00
6.2	Coordination with Utilities (PIPG)	\$ 4,390.00
6.3	Utility Conflict Locating (for potholing see allowance)	\$ 1,160.00
6.4	Design Coordination with Utilities	\$ 5,150.00
6.5	SRP and UPRR Easement Identification/Delineation	\$ 1,820.00
6.6	Legal Descriptions (see allowance below)	\$ -
6.7	Utility Plan submittals	\$ 1,160.00
6.8	Utility/ Agency Meetings (up to 11)	\$ 11,160.00
6.9	UPRR and ACC coordination (See OG Scope & Fee)	\$ 22,750.00
6.10	Utility/UPRR design incorporation	\$ 8,080.00
6.11	Utility/UPRR construction requirement incorporation	\$ 3,435.00
Task 7.0 Geotechnical Investigation		\$ 13,600.00
7.1	Soil and Pavement Borings (See ATEK Scope & Fee)	\$ 13,600.00
Task 9.0 Conceptual Exhibit		\$ 3,885.00
9.1	Prepare Conceptual Exhibit	\$ 3,885.00
Task 10.0 60% Intermediate Plans		\$ 13,435.00
10.1	Prepare, submit, and review 60% plans	\$ 11,460.00
	Prepare Engineer's Cost Estimate	\$ 1,975.00
Task 11.0 90% Plans		\$ 8,785.00
11.1	Prepare, submit and review 90% plans	\$ 7,390.00
	Prepare engineer's cost estimate	\$ 1,395.00
Task 12.0 Construction Documents (100%)		\$ 3,730.00
12.1	Prepare, submit and review 100% plans	\$ 2,875.00
	Prepare engineer's cost estimate	\$ 855.00
Task 13.0 Contractor Coordination / Bidding		\$ 4,230.00
13.1	Prepare and submit sealed plans	\$ 1,230.00
13.2	Prebid conference and questions during bidding	\$ 1,340.00
13.3	Bid evaluation	\$ 670.00
13.4	Issue Addenda as required	\$ 990.00
ALLOWANCES		\$ 57,656.50
14.1	Allowance for Potholing (Up to 16 potholes - See SafeSite Scope and Fee)	\$ 34,908.00
14.2	Legal Descriptions (up to 8 at \$850/each)	\$ 6,800.00
14.3	Approval to Construct (ATC) Permits	\$ 2,650.00
14.4	Owner's Allowance (10% of Total Design Fees)	\$ 13,298.50
TOTAL COST:		\$ 190,641.50

EXHIBIT "B-2"
Hours and Rates



Union Pacific Railroad (UPRR)/Willis Road
Improvements

	Greg Froehlich -PM \$ 175.00	Matt Buchanan - RLS \$ 175.00	Bruce Hallsted - Sr. Engr. \$ 160.00	Cris Aguilar - PE/Prof \$ 145.00	Renzo Curay - Engr / Designer \$ 120.00	Anthony Grass - Survey Tech \$ 115.00	Rob Williams - Tech \$ 100.00	Sam Matthews - Admin \$ 80.00	< PROJECT ROLE < HOURLY RATES
TASK DESCRIPTION									TOTAL HOURS PER TASK
Task 1.0 Project Description & Scope of Construction									
Task 2.0 Assignment									
Task 3.0 Project Schedule	12	0	0	8	0	0	0	0	20
3.1 Production Schedule	12			8					
Task 4.0 Quality Control	7		0	0	0		0	0	7
4.1 Quality Control Plan/Execution	7								
Task 5.0 Preliminary Research	2	12	10	16	0	40	34	0	114
5.1 Perform Document Search and Research			4	8					
5.2 Investigate Existing Conditions	2		6	8					
5.3 Survey		8				24	34		
5.4 Right-of-Way Base File		4				16			
5.5 Utility Base File		2				20			
Task 6.0 Utility and Stakeholder Coordination	69	0	96	94	0	0	0	0	259
6.1 Coordination with City Staff	12			18					
6.2 Coordination with Utilities (PIPG)	6		10	12					
6.3 Utility Conflict Locating (for potholing see allowance)				8					
6.4 Design Coordination with Utilities	12		10	10					
6.5 SRP and UPRR Easement Identification/Delineation	4		7						
6.6 Legal Descriptions (see allowance below)									
6.7 Utility Plan submittals				8					
6.8 Utility/ Agency Meetings (up to 11)	22		33	14					
6.9 UPRR and ACC coordination (See OG Scope & Fee)	See OG Engineering Scope & Fee								
6.10 Utility/UPRR design incorporation	8		20	24					
6.11 Utility/UPRR construction requirement incorporation	5		16						
Task 7.0 Geotechnical Investigation	0	0	0	0	0	0	0	0	0
7.1 Soil and Pavement Borings (See ATEK Scope & Fee)	See ATEK Scope & Fee								
Task 9.0 Conceptual Exhibit	3	0	6	0	10	0	12	0	31
9.1 Prepare Conceptual Exhibit	3		6		10		12		
Task 10.0 60% Intermediate Plans	13	0	20	0	38	0	34	0	105
10.1 Prepare, submit and review 60% plans	12		20		28		28		
Prepare engineer's cost estimate	1				10		6		
Task 11.0 90% Plans	7	0	8	12	22	0	19	0	68
11.1 Prepare, submit and review 90% plans	6		8	12	16		14		
Prepare engineer's cost estimate	1				6		5		
Task 12.0 Construction Documents (100% Plans)	6	0	0	0	14	0	10	0	30
12.1 Prepare, submit and review 100% plans	5				10		8		
Prepare engineer's cost estimate	1				4		2		
Task 13.0 Contractor Coordination / Bidding	10	0	10	0	4	0	4	0	28
13.1 Prepare and submit sealed plans	2				4		4		
13.2 Prebid conference and questions during bidding	4		4						
13.3 Bid evaluation	2		2						
13.4 Issue Addenda as required	2		4						



November 29, 2022
File Number: 220266

Attention: Greg Froehlich, PE
Public Works Department Manager
1130 N Alma School Road, Suite 120
Meza, Arizona

Re: Proposal for Geotechnical Subsurface
Exploration Union Pacific Railroad (UPRR)/Willis
Road Improvements Chandler, Arizona

ATEK Engineering Consultants, LLC (ATEK) is pleased to present this proposal to perform a geotechnical subsurface exploration at the above referenced site. This proposal is based on a request for proposal received via email on November 28, 2022.

ATEK is committed to providing a high level of service to its clients, commensurate with their wants and needs. If a portion of this proposal does not meet your needs, or if those needs have changed, ATEK will consider appropriate modifications, subject to the standards of care to which we adhere as professionals. We look forward to the opportunity to serve you.

PROJECT UNDERSTANDING

The proposed project consists of a geotechnical exploration to determine the surface and subsurface soil conditions for improvements to a railroad-street crossing in Chandler, Arizona. The proposed improvements will include widening at the East Willis Road and Union Pacific Railroad (UPRR) crossing to meet the requirements of a full collector roadway standards. A new water line and new reclaimed water line will be installed across the UPRR through a trenchless technique. In addition, a Salt River Project irrigation junction will be undergrounded across the UPRR. It is understood that the UPRR Right-Of-Way (ROW) is 100 feet wide. The test borings will be advanced outside the UPRR ROW.

COST AND SCHEDULE

ATEK proposes to provide the geotechnical services as detailed below on a lump sum basis. This fee also assumes that one (1) color PDF report will be provided. Extra 'hard copy' reports will be provided if requested prior to the initial report printing.

Item	Cost
Geotechnical Subsurface Exploration	\$ 13,600.00
Total	\$ 13,600.00*

*** Includes City of Chandler ROW permit, asphalt saw cutting, traffic control (two mobilizations), ½ sack slurry backfill, and hot asphalt patch (per MAG STD Det. 212). As required by City of Chandler.**

Services will be scheduled upon receipt of your authorization to proceed. We understand that the Client will provide access to the property through an encroachment permit and traffic control permit. ATEK will apply for encroachment permit. We estimate that our geotechnical scope of services will be complete within twenty-five to thirty (25 to 30) calendar days from notice to proceed to close out of scope of services. If necessary ATEK can adjust the geotechnical exploration schedule to accommodate project requirements.

SCOPE OF SERVICES

A geotechnical subsurface exploration is required to develop information relative to existing site soil. ATEK proposes to provide the following scope of services:

- Perform a review of pertinent documents provided by the client regarding geotechnical information associated with the property.
- Perform a geotechnical site reconnaissance.
- Review available construction information for the proposed structure as it relates to the geotechnical characteristics of the site.
- Explore the existing subsurface conditions by drilling two (2) soil borings to a depth of thirty feet to determine information relative to subsurface soil conditions. The soil test borings will be advanced using a hollow stem auger to the proposed depth or to auger refusal, whichever occurs first. Representative soil samples will be obtained between the surface and a depth of 2.5 feet, at 5 feet, and at 5-foot intervals thereafter using standard sampling procedures.
- To identify if groundwater is encountered during drilling of borings.

ASSUMPTIONS

Our proposed Scope of Services and cost estimate are based on the following assumptions:

- ATEK will not drill any boring on the Union Pacific Railroad right-of-way.
- The project owner will provide right-of-entry to all locations of the borings through an approved encroachment permit.
- Locations of the borings will be cleared by "Blue Stake".
- Traffic control will consist of an off-duty police officer and a traffic control barricade company, as necessary
- All borings will be backfilled with ½ sack ABC slurry.
- All borings cut through asphalt will be saw cut (18-inch by 18-inch squares) and will be patched back with asphalt to the approximate depth of existing pavement.
- The Scope of Services included within our fee estimate does not include any services in connection with the discovery of potential contamination during our drilling and sampling operations. In the event that such material is suspected, we will notify you immediately for direction before proceeding on any out-of-scope services.
- All borings will be backfilled with excavated materials.
- This proposal assumes that the site is accessible with a truck-mounted drill rig, under its own power, without the need for towing or pushing.
- This proposal includes drilling to a maximum depth of 30 feet below existing site grade, if deeper borings are required, we will need to revise our Scope of Work and fee estimate.

- Any service or cost not specifically included in this proposal is not included in the Scope of Services and associated fee. Costs generated from any services requested by the client that are outside the above Scope of Services will be charged to the client.

At the completion of the fieldwork, representative samples will be sealed in plastic bags or brass and plastic containers and transported to our laboratory. The samples will then be classified in general accordance with the Unified Soil Classification System (USCS) and reviewed by a geotechnical engineer. Field boring logs will be prepared presenting a description of the soils encountered by the borings. Laboratory testing completed for this project will include natural moisture contents, percent passing a No. 200 sieve, Atterberg limits, one dimensional consolidation tests, undisturbed ring densities, swell tests, sulfate contents, chloride contents, sulfide, redox potential, pH and resistivity tests. All tests will be performed in general accordance with applicable ASTM procedures.

Based upon our analyses, a geotechnical engineering report will be prepared and issued. The following items will be included in the report:

- A brief review of our field and laboratory procedures and all test results, including boring logs;
- A discussion of the general subsurface conditions including soil and groundwater conditions;
- A review of the proposed construction design conditions;
- Any unsatisfactory soil conditions (if applicable) and recommended remedial measures;
- Design criteria related to the recommended design values for buried pipes;
- Recommended pavement sections for the pavements (trench repairs);
- Recommended construction procedures and quality control measures related to foundations and earthwork;
- A brief review of our field and laboratory procedures and all test results, including boring location plan. All fourteen borings will be tested for corrosion using Table A.1 found in Appendix A of the American National Standard for Polyethylene Encasement for Ductile-Iron Pipes Systems (ANSI/AWWA C105/A21.5-99), dated 1999, i.e. 10-point system;
- Recommended pavement sections.

AUTHORIZATION

The work will be conducted in accordance with the attached General Conditions. Your signature on this proposal indicates your acceptance of these Conditions and authorization for ATEK to proceed with the Scope of Services outlined herein. If this proposal is acceptable, we can begin work as soon as we receive an ORIGINAL signature in the "acceptance" field.

If there is a need for any change in the scope of services or schedule described in the proposal, please call us immediately. Changes may require revision of the proposed fee, which will be communicated to you upon assessment of the requested changes effect on the fee.

LIMITATIONS

ATEK will perform its services in a manner consistent with the standards of care and skill ordinarily exercised by members of the profession practicing under similar conditions in the geographic vicinity and at the time the services will be performed. No warranty or guarantee, express or implied, is provided as part of the services offered by this proposal. This proposal neither makes nor intends a warrantee or guarantee, express or implied, nor does it create a fiduciary responsibility to Client by Consultant.

We sincerely appreciate the opportunity to be of service and look forward to working with you on this project.

TERMS AND CONDITIONS

All terms and conditions indicated in this proposal and in the attached General Conditions will be considered by both parties to be in effect from the effective date of the signed proposal through completion of the project. The proposal will remain in effect for 60 days from its date, and thereafter shall be null and void unless it has been signed for the work proposed.

We sincerely appreciate the opportunity to be of service and look forward to working with you on this project.

Sincerely,
ATEK Engineering Consultants, LLC.



Antonio Lopez, PE
Project Manager



Armando Ortega, PE
Principal Geotechnical Engineer

Enclosure: General Conditions 2022

Client agrees to the Scope of Services described in this Proposal and Cost Estimate and the General Conditions attached and incorporated herein.

By: _____
EPS Group, Inc.

Title: _____

Date: _____



O.G. Engineering LLC

Roads and Rails

www.OGEngineeringPro.com

November 14, 2022

Mr. Bruce Hallsted, PE
EPS Group
1130 N. Alma School Rd, Ste 120
Mesa, AZ 85201
Office: (480) 503-2250
Cell: (480) 236-2339
Bruvce.hallsted@epsgroupinc.com

Subject: **Quote for providing supporting services for the Willis Road railroad crossing improvements**

Dear Mr. Hallsted,

Thank you for contacting O.G. Engineering to provide an estimate for support services for the Willis Rd project at the UPRR railroad in Chandler, AZ. The project consists in widening the roadway at the railroad crossing, modification of an existing forced water transmission line or installation of a new line, and installation of a new gravity sewer line under the railroad track. Please find below a summary of tasks, scope, and cost of our proposed services. As we learn more about your project and following demand by Client, changes to the tasks and deliverables could take place or additional tasks can be assigned per mutual understanding.

TASK 1 – At-grade railroad crossing modification

- Review the proposed changes to the existing at-grade railroad crossing and provide the railroad guidelines on expected required improvements.
- Provide support to preparation of crossing plans and compliance with the railroad standards, MUTCD, the ACC requirements and other standards as applicable.
- Coordinate obtaining ROE from railroad for planning purpose (survey, potholing, etc.)
- Coordinate the creation and acceptance of the project by the railroad. Coordinate UPRR's review of plans, response, and progress of crossing design.
- Participate in field meetings with the Client, City, UPRR, ACC and other stakeholders.
- Coordinate project design review and approval by UPRR and act as liaison for preparation of the C&M Agreement between the City of Chandler and UPRR.

- Prepare the application to the ACC for changes at an existing railroad crossing, serve as expert for the applicant thru the process.
- Other related services as necessary for the project or requested by Client.

TASK 2 – Utilities Permitting

- Help identify project's impact on the existing utilities on the railroad's ROW. Prepare or support preparation of plans for utilities relocation, modification, or new utilities installation at the railroad.
- Provide input to design the two utility lines crossing the railroad: forced water line and gravity sewer.
- Prepare the documentation and apply for railroad permits for the two individual utility lines, water, and sewer.
- Other related services as necessary for the project or requested by Client

Deliverables include:

- Review project documents and provide input via email (PDF), phone or hard copy as requested by Client.
- Participate in meetings with the Client, the railroad, the ACC, City of Chandler and others as necessary or as requested by the Client.
- Provide any other support and coordination services as requested by Client.

SCHEDULE OF DELIVERABLES

- The schedule for completion of each plan review is 5 to 10 business days after receipt of such plan(s).
- Respond to emails and calls within 1 to 3 business days and reply via email, phone or hard copy as appropriated.
- Provide instant feedback during in-person or virtual meetings (web based, phone conference calls).
- Participate in meetings and conference calls on notice.
- Participate on site visits/meetings as requested by Client.

FEE

- For the services described in the Tasks above, the Client agree to pay O.G. Engineering a fee of up to **\$22,750**

Fee is based on previous experience on similar projects. O.G. Engineering will charge actual cost based on the number of hours worked.

Invoices are submitted at the month's end. Payments of invoices are due within 30 days of being submitted.

You may indicate your acceptance of the proposal by signing and returning this quote via email. If you have any questions regarding this quote or would like further information, please feel free to contact us.

Thank you,

O.G. Engineering LLC.

Alex Popovici
602 818 3896
APopovici@ogengineeringpro.com

AGREED TO AND ACCEPTED BY:

EPS Group Inc.

Printed Name

Title

Date

Willis Rd, Chandler AZ
 EPS Group Inc.
 December 7, 2022

		Alex Popovici RR Coordination QA/QC	Total Hours	Labor Cost per task	Total
	Hourly billing Rate	\$ 175.00			
Task 1 - Road Crossing project					
	Plans review, coordination with stakeholders, ACC process coordination, conference calls and meetings, site visits.	90	90	\$ 15,750	\$ 15,750
Task 2 - Utilities Permitting					
	Design support and application for railroad permitting	40	40	\$ 7,000	\$ 7,000
	Subtotal	130			\$ 22,750



QUOTE

Safe Site Utility Services LLC

Company Address	7623 N 73rd Dr Glendale, Arizona 85303	Created Date	12/30/2022
Phone	(602) 606-8882	Quote Number	00001767
Email:	Bids@safesitellc.com	Opportunity	OP22-6154
Licenses:	AZ: ROC 211956 / NV: NSC 0078575	Expiration Date	3/30/2023

Customer Information

Opportunity Name	COC ST2307.201 Willis Road UPRR Crossing	Phone	(480) 503-2250
Contact Name	Greg Froehlich	Email	greg.froehlich@epsgroupinc.com
Account Name	EPS Group Inc	Billing Address	1130 N Alma School Rd Suite 120 Mesa, AZ 85201

Work Site Info

Site Address E Willis Rd & S Arizona Ave Chandler, AZ 85286

Scope of Work

1. Safe Site will verify 811 markings and assess the success probability of test hole locations indicated by client prior to excavation utilizing various geophysical locating means. Test hole locations may be adjusted or eliminated based on the results of this investigation and upon discussion with, and approval of client
2. Safe Site will supply a vacuum excavation crew on the project site for digging test holes and documenting utility locations.
3. Upon exposure of a target utility, Safe Site will record utility type, size, material, and depth of cover of each.
4. If Line Item charges for Survey are shown in Fees Section then Safe Site will provide survey and a CAD map file by a Registered Land Surveyor to document the locations and elevations of potholed utilities. If no Line Item for Survey is shown then pricing assumes Survey and CAD will be provided by others.
5. Safe Site will provide a Test Hole Summary Report detailing this information.
6. Safe Site will indicate the locations of exposed utilities by marking the ground surface using PK nails or stake chasers (nylon brushes).

Terms and Conditions

1. Client will provide available utility location information as well as project datum information to Safe Site to aid in facilitating this project.
2. A "Test Hole" will be considered one excavation up to 8 feet deep with lateral "belling" of up to a width of 4 feet. Excavating in excess of 12 feet in depth will be considered out of scope.
3. Test Holes will be backfilled per owner/agency specifications.
4. Asphalt on concrete pavement surfaces will be restored per method indicated in Fees section. If local authority requires a different restoration, any additional costs will be passed on to Client. These charges, if applicable, will be determined during the permitting stage and any fee charge will be presented to Client. Coring pavement in excess of 12" thickness will result in an additional fee of \$100 per hole.
5. Pricing assumes test hole locations are accessible within 15' with vacuum truck. Further distances, such as rear of lots, will be considered out of scope and additional fees will be presented to Client for approval.

6. Should caliche, tree roots, concrete, rocks in excess of 6" diameter, or other materials encumber vacuum excavation, work will be halted for that test hole and referred back to Client for alternative solutions which may include authorization to continue work at Hourly Rate.
7. Traffic control costs are included where applicable.
8. Expected Permitting/Bonding costs, if any, have been included in this proposal. Any out of ordinary costs incurred due to governing agency requirements will be presented to Client for approval as additional fee amount.
9. If excavation spoils are determined to be potentially hazardous waste by an enforcement agency having jurisdiction, then the cost of testing and disposal will be passed through to client. Work will cease until Client has been notified and agreement on how to proceed has been reached.
10. Safe Site will exercise due diligence in identifying and locating all utilities. However, due to factors beyond our control including lack of maps, inaccuracy of maps, lack of aboveground 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.
11. Payment terms are Net 30 days unless other arrangements have been made.
12. New Customer Policy - Payment will be required by credit card for the first job completed or if the job is over \$1000, we will require a 35% retainer to be paid prior to commencement of work. We prefer payment is made via ACH/Wire Transfer, otherwise credit card transactions would require an additional 3% Fee. After the first job completed, invoicing terms will be standard Net 30 Days.

Site Specific Details

Description	Approx. 16 utility test holes (potholes) at intersection of Willis Rd & UPRR (east of AZ Ave). Quote includes UPRR and Chandler permitting as well as UPRR's required Railroad Protective Liability Insurance. Quote excludes any other costs associated with UPPRR requirements including UPRR flaggers. Any costs associated with additional UPRR requirements will be passed through to Client at cost + 15%. Client would be notified of these additional charges prior to our start of site work.
Additional Terms	-Test holes of depths in excess of 8' will result in an additional charge of \$335 each. Digging in excess of 12' will be considered out of scope and will be billed at \$320 per hour upon approval of Client. -Additional utilities found and documented in a test hole will be charged at \$85 each. -Client will provide CAD project file(s) that include horizontal datum and vertical control information so that our RLS can establish the correct datum/control prior to surveying field results. If not provided prior to our surveying, we will establish datum/control to be used in creation of the deliverables. Safe Site can convert to Client's project datum after deliverables are provided, if requested, for a fee of \$465.

Project Fee

Product	Line Item Description	Sales Price	Quantity	Total Price
Excavating Test Holes up to 8' in Depth	Pothole (12 Hole Minimum)	\$708.00	16.00	\$11,328.00
Ancillary Costs (Permitting, Traffic Control, Back-fill, Etc.)	Includes UPRR RPL Insurance	\$14,088.00	1.00	\$14,088.00
Survey & Stamped Report		\$1,279.00	1.00	\$1,279.00
AC Surface Restoration - MAG 212B	Per Core & Reinstatement (Min fee of 3)	\$315.00	16.00	\$5,040.00
Miscellaneous Services	Contingency Budget (UPRR requirements, extra depth charges, etc - if needed)	\$3,173.00	1.00	\$3,173.00
Total Price		\$34,908.00		

ACCEPTANCE STATEMENT AND AUTHORIZATION TO PROCEED

This Acceptance becomes a part of the Proposal Letter.

The Proposal is hereby accepted according to the Scope of Work and Terms and Conditions contained therein. Safe

Site Utility Services, LLC is authorized to proceed with the work described therein. Payment will be made according to the payment terms specified in the Proposal. Any unpaid balance remaining beyond the due date will be subject to interest at an annual rate of 18% (1.5% per month).

For acceptance and scheduling of these services please sign, scan, and return this page to bids@safesitellc.com or fax to Safe Site @ 602-391-2934.

Client Name: _____
By:

Signature

Date

Printed Name

Title

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.