

MASTER SERVICES AGREEMENT

THIS AGREEMENT, made and entered into on the effective date above by and between the City of Saint Paul, Minnesota, a municipal corporation under the laws of the State of Minnesota, hereinafter referred to as "City," and the above-named Contractor, hereinafter referred to as "Contractor." This Agreement includes and incorporates the Master Services Agreement ("Master Agreement"), the Statement of Work, which is attached hereto as Exhibit E to Addendum A. The City and Contractor, in consideration of the mutual terms and conditions, set forth, below, agree as follows:

Section 1. Time for Completion and Commencement of Work.

The services rendered by Contractor shall be commenced upon execution of the Agreement and with the specific prior agreement of the City or its designated representative to proceed. The work will be completed in accordance with the schedule in the project mutually agreed upon with the City after execution of this Agreement.. No claim for labor, services, or products provide by the Contractor not specifically provided for in this Agreement, or not specifically agreed to in advance, will be honored by the City.

In the event that there are delays caused by actions of the City or which may be reasonably requested by the Contractor which can change the completion date, Contractor shall request an extension of time for completion of the project. The Project Manager will review the request and may grant to the Contractor such extensions of contract time as may be reasonable.

Section 2.Services.

Contractor will use commercially reasonable efforts to maintain the consistency of project personnel. All personnel used by Contractor shall have sufficient skills and experience to provide the services required by this Agreement. Each party will provide timely notice of any chages to project personnel. Each party also commits to providing any replacement personnel so as to avoid or minimize impacts to the project schedule.

The City has designated the individual on Page 1, as the Project Manager for this Agreement, and the individual to whom all communications pertaining to the Agreement shall be addressed. The Project Manager shall have the authority to transmit instructions, receive information, and interpret and define the City's policy and decisions pertinent to the work covered by this Agreement.

Section 3. Billings, Payment, and Invoices.

The amounts herein shall fully compensate Contractor for all work and associated costs. The City will honor no claim for services and/or costs provided by the Contractor not specifically provided for in this Agreement.

Contractor shall submit an itemized invoice monthly and in accordance with Exhibit B to Addendum A. Invoices should clearly itemize all goods and/or services provided. Upon receipt of the invoice and verification of the charges by the Project Manager, the City shall make payment to Contractor within thirty-five (35) days in accordance with Minnesota Statutes

Section 471.425 or any future applicable amendments. Any contested invoices shall be handled in accordance with the Invoice Dispute process in Addendum A, not be paid until the billing issue is resolved, and City shall have thirty-five days from that date for payment.

Section 4. City Responsibilities.

The City agrees to provide Contractor with access to any information from City documents, staff, and other sources under the control of the City needed by Contractor to complete the work described herein.

Section 5. Amendment or Changes to Agreement.

Any alterations, amendments, deletions, or waivers of the provisions of this Agreement shall be valid only when reduced to writing and duly signed by the party against whom enforcement of the change is sought. If the parties to this Agreement desire to change the scope of work ("SOW") either party shall submit a written request in accordance with the change order process described in the applicable SOW. The parties may execute additional Statements of Work describing the services, which will become part of this Agreement upon execution by both parties.

Section 6. Notices.

All notices or communications required or permitted as a part of this Agreement, such as notice of an alleged material breach for a termination for cause or a dispute that must be submitted to dispute resolution, must be in writing and will be deemed delivered upon the earlier of the following: (a) actual receipt by the receiving party; (b) upon receipt by sender of a certified mail, return receipt signed by an employee or agent of the receiving party; (c) upon receipt by sender of proof of email delivery; or (d) if not actually received, five (5) days after deposit with the United States Postal Service authorized mail center with proper postage (certified mail, return receipt requested) affixed and addressed to the other party at the address set forth in the signature block of this Agreement or such other address as the party may have designated by proper notice. The consequences for the failure to receive a notice due to improper notification by the intended receiving party of a change in address will be borne by the intended receiving party.

Section 7. Survival of Obligations.

- A. The respective obligations of the City and Contractor under these terms and conditions, which by their nature would continue beyond the termination, cancellation, or expiration hereof, shall survive termination, cancellation or expiration hereof.
- B. If a court or governmental agency with proper jurisdiction determines that this Agreement, or a provision herein is unlawful, this Agreement or that provision, shall terminate. If a provision is so terminated but the parties legally, commercially, and practicably can continue this Agreement without the terminated provision, the remainder of this Agreement shall continue in effect.

Section 8. Records, Dissemination of Information.

The Contractor shall maintain all business records relating to this Agreement for the longer of (i) five years from creation or (ii) such period as is required by applicable law. Tyler will make

such materials available at its office at all reasonable times during this Agreement period and for six (6) years from the date of the final payment under the Agreement for audit or inspection by the City, the Auditor of the State of Minnesota, or other duly authorized representative

Section 9. Human Rights/Affirmative Action/Economic Opportunity.

The Contractor agrees to comply with all applicable federal, state and local laws, resolutions, ordinances, rules, regulations and executive orders pertaining to unlawful discrimination in employment matters on account of race, creed, religion, color, sex, sexual or affectional orientation, national origin, ancestry, familial status, age, disability, marital status, or status with regard to public assistance and will take affirmative steps to ensure that applicants are employed and employees are treated during employment without regard to the same.

Section 10. Equal Opportunity Employment.

Pursuant to Chapter 183 of the Saint Paul Legislative Code and its implementing rules, Licensor will not discriminate against any employee or applicant for employment for work under this Agreement because of race, creed, religion, color, sex, sexual or affectional orientation, national origin, ancestry, familial status, age, disability, marital status, or status with regard to public assistance and will take affirmative steps to ensure that applicants are employed and employees are treated during employment without regard to the same. This provision includes but is not limited to the following: employment, promotion, demotion, transfer, recruitment, advertising, layoff, termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship.

Section 11. Compliance With Applicable Law.

See Sections H(19) and H(21) of Addendum A.

Section 12. Conflict of Interest. (JH stopped here 10.6.23) (picked up again 10.9.23)

Contractor's acceptance of this Agreement indicates compliance with the following from Chapter 24.03, City of Saint Paul Administrative Code: "Except as permitted by law, no city official or employee shall be a party to or have a direct financial interest in any sale, lease, or contract with the City. The contractor also affirms that to the best of the Contractor's knowledge, their involvement in this contract does not result in a conflict of interest with any part or entity which may be affected by the terms of this contract. The Contractor agrees that should any conflict or potential conflict of interest become known to the Contractor, they will immediately notify the Purchasing Systems Manager of the situation so that a determination can be made about Contractor's ability to continue performing services under this Agreement.

Section 13. Hold Harmless.

See Section G(2) in Addendum A.

Section 14. Assignment.

See Section H(8) in Addendum A.

Section 15. Termination.

See Section F in Addendum A.

Section 16. Interpretation of Agreement, Venue.

This Agreement shall be interpreted and construed according to the laws of the State of Minnesota. All litigation regarding this agreement shall be venued in the District Court of the County of Ramsey, Second Judicial District, State of Minnesota, or the federal district court serving County of Ramsey.

Section 17. Independent Contractor.

It is agreed by the parties, that at all times and for all purposes, within the scope of the Agreement resulting from this solicitation, the relationship of the Contractor to the City is that of independent contractor and not that of employee. No statement contained in the specification or resulting Agreement shall be construed so as to find the Contractor an employee of the City, and Contractor shall be entitled to none of the rights, privileges, or benefits of Saint Paul employees.

Section 18. Waiver.

See Section H(13) of Addendum A.

Section 19. Subcontracting.

See Section H(7) of Addendum A.

Section 20. Force Majeure.

See Section H(9) of Addendum A.

Section 21. Entire Agreement.

The specifications and other solicitation materials associated with this Agreement and these General Terms and Conditions shall constitute the entire Agreement between the parties and shall supersede all prior oral or written negotiations.

Section 22. Insurance.

Contractor shall be required to carry insurance of the kind and in the amounts shown below for the life of the contract. Certificates for General Liability Insurance must state that the City of Saint Paul, its officials, employees, agents and representatives are Additional Insureds. Policy must include an "all services, products, or completed operation endorsement as a sublimit to the General Liability Policy. Agent must state on the certificate if company carries errors and omissions coverage.

1. General or Business Liability Insurance
 - \$1,000,000 per occurrence
 - \$2,000,000 aggregate
 - \$2,000,000 products/completed operations total limit
 - \$1,000,000 personal injury and advertising
2. Professional Liability
 - \$1,000,000 per claim
 - \$1,000,000 aggregate
3. Worker's Compensation and Employer's Liability. Worker's Compensation coverage is required per Minnesota Statutes. Employer's Liability shall have a minimum of:

\$500,000 per accident

\$500,000 per employee;

\$500,000 per disease policy limit.

Contractors with 10 or fewer employees who do not have Worker's Compensation coverage are required to provide the Board and the City with a completed "Certificate of Compliance" (State of Minnesota form MN LIC 04) verifying their number of employees and the reason for their exemption.

4. Professional Services Coverage. The Contractor shall procure and maintain Professional Liability Insurance, covering technology errors and omissions and cyber and privacy liability. If such policy is a "claims made" policy, all renewals thereof during the life of the Contract shall include "prior acts coverage" covering at all times all claims made with respect to Contractor's work performed under the Agreement. This coverage must be kept in force for the duration of the Agreement, inclusive of any renewals.
5. General Insurance Requirements
 - a. All policies shall be written on an occurrence basis except Professional Liability/Cyber policies may be written on a claims made basis. Certificates of insurance must indicate if the policy is issued on an occurrence basis.
 - b. The Vendor may not commence any work until Certificates of Insurance covering all of the insurance required for this project is provided. Insurance must remain in place for the duration of the original contract and any extension periods.
 - c. Satisfaction of policy limits required above for General Liability, may be met with the purchase of an umbrella or excess policy. Any excess or umbrella policy shall be written on an occurrence basis, and if such policy is not written by the same insurance carrier, the proof of underlying policies (endorsement) shall be provided with any certificate of insurance.

Section 23. Counterparts.

The parties may sign this Agreement in counterparts, each of which constitutes an original, but all of which together constitute one instrument.

Section 24. Electronic Signatures.

The parties agree that the electronic signature of a party to this Agreement shall be as valid as an original signature of such party and shall be effective to bind such party to this Agreement. The parties further agree that any document (including this Agreement and any attachments or exhibits to this Agreement) containing, or to which there is affixed, an electronic signature shall be deemed (i) to be "written" or "in writing," (ii) to have been signed and (iii) to constitute a record established and maintained in the ordinary course of business and an original written record when printed from electronic files. For purposes hereof, "electronic signature" also means a manually signed original signature that is then transmitted by any electronic means, including without limitation a faxed version of an original signature or an electronically scanned and transmitted version (e.g., via PDF) of an original signature. Any party's failure to produce the

original signature of any electronically transmitted signature shall not affect the enforceability of this Agreement.

Section 25. Additional Terms and Conditions Incorporated by Reference.

City Terms and Conditions (these Master Service Agreement terms and conditions) with related attachments will supersede Contractor proposals, attachments or terms and conditions.

Section 26. Additions.

During the contract period, the City reserves the right to request pricing to add to the contract a limited number of like items or services to accommodate the need for any items or services that may have been inadvertently omitted from the lists included in this document or related attachments.

Section 27. Ordering Quantities/Scope of Work.

The City reserves the right to establish additional Master Contracts and/or do competitive solicitations for needed products or services deemed to be in their interest.

Section 26. Special Term and Condition.

See Section F(1) of Addendum A.

[SIGNATURES ON THE FOLLOWING PAGE]

Accepted and agreed to as of the Effective Date by the authorized representative of each party.

CITY OF SAINT PAUL

Signature: _____

Name: Jaime Tincher

Title: Deputy Mayor

Date: _____

Signature: _____

Name: Andrea Ledger

Title: Deputy Director, HREEO

Date: _____

Signature: _____

Name: John McCarthy

Title: Finance Director

Date: _____

Signature: _____

Name: Judy Hanson

Title: Sr. Assistant City Attorney

Date: _____

Notice Address for City:

15 Kellogg Blvd W

St. Paul, Minnesota 55102

Primary Contact: _____

CONTRACTOR

Signature:  _____

Name: Chris Webster

Title: President, ERP & Civic Division

Date: 12/13/23

Notice Address for Contractor:

1 Tyler Drive

Yarmouth, ME 04096

Primary Contact: Chief Legal Officer

Addendum A



SOFTWARE AS A SERVICE AGREEMENT

This Software as a Service Agreement is Addendum A to the Master Agreement made between Tyler Technologies, Inc. and Client.

WHEREAS, Client selected Tyler to provide certain products and services set forth in the Investment Summary, including providing Client with access to Tyler's proprietary software products, and Tyler desires to provide such products and services under the terms of this Agreement;

NOW THEREFORE, in consideration of the foregoing and of the mutual covenants and promises set forth in this Agreement, Tyler and Client agree as follows:

SECTION A – DEFINITIONS

- **"Agreement"** means, collectively, this Addendum A, Software as a Service Agreement, and the Master Agreement.
- **"Business Travel Policy"** means our business travel policy.
- **"Client"** means the City of St. Paul, Minnesota.
- **"Data"** means your data necessary to utilize the Tyler Software.
- **"Data Storage Capacity"** means the contracted amount of storage capacity for your Data identified in the Investment Summary.
- **"Defect"** means a failure of the Tyler Software to substantially conform to the functional descriptions set forth in our written proposal to you, or their functional equivalent. Future functionality may be updated, modified, or otherwise enhanced through our maintenance and support services, and the governing functional descriptions for such future functionality will be set forth in our then-current Documentation.
- **"Defined Users"** means the number of users that are authorized to use the SaaS Services. The Defined Users for the Agreement are as identified in the Investment Summary. If Exhibit A contains Enterprise Permitting & Licensing labeled software, defined users mean the maximum number of named users that are authorized to use the Enterprise Permitting & Licensing labeled modules as indicated in the Investment Summary.
- **"Developer"** means a third party who owns the intellectual property rights to Third Party Software.
- **"Documentation"** means any online or written documentation related to the use or functionality of the Tyler Software that we provide or otherwise make available to you, including instructions, user guides, manuals and other training or self-help documentation.
- **"Effective Date"** means the date by which both your and our authorized representatives have signed the Agreement.
- **"Force Majeure"** means an event beyond the reasonable control of you or us, including, without limitation, governmental action, war, riot or civil commotion, fire, natural disaster, or any other



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cause that could not with reasonable diligence be foreseen or prevented by you or us.

- **“Investment Summary”** means the agreed upon cost proposal for the products and services attached as [Exhibit A](#).
- **“Invoicing and Payment Policy”** means the invoicing and payment policy. A copy of our current Invoicing and Payment Policy is attached as [Exhibit B](#).
- **“Order Form”** means an ordering document that includes a quote or investment summary and specifying the items to be provided by Tyler to Client, including any addenda and supplements thereto.
- **“SaaS Fees”** means the fees for the SaaS Services identified in the Investment Summary.
- **“SaaS Services”** means software as a service consisting of system administration, system management, and system monitoring activities that Tyler performs for the Tyler Software, and includes the right to access and use the Tyler Software, receive maintenance and support on the Tyler Software, including Downtime resolution under the terms of the SLA, and Data storage and archiving. SaaS Services do not include support of an operating system or hardware, support outside of our normal business hours, or training, consulting, or other professional services.
- **“SLA”** means the service level agreement. A copy of our current SLA is attached hereto as [Exhibit C](#).
- **“Statement of Work”** means the industry standard implementation plan describing how our professional services will be provided to implement the Tyler Software and outlining your and our roles and responsibilities in connection with that implementation. The Statement of Work is attached as [Exhibit E](#).
- **“Support Call Process”** means the support call process applicable to all of our customers who have licensed the Tyler Software. A copy of our current Support Call Process is attached as [Schedule 1](#) to [Exhibit C](#).
- **“Third Party Hardware”** means the third party hardware, if any, identified in the Investment Summary.
- **“Third Party Products”** means the Third Party Software and Third Party Hardware.
- **“Third Party SaaS Services”** means software as a service provided by a third party, if any, identified in the Investment Summary.
- **“Third Party Services”** means the third party services, if any, identified in the Investment Summary.
- **“Third Party Software”** means the third party software, if any, identified in the Investment Summary.
- **“Third Party Terms”** means, if any, the end user license agreement(s) or similar terms for the Third Party Products or other parties’ products or services, as applicable, and attached or indicated at [Exhibit D](#).
- **“Tyler”** means Tyler Technologies, Inc., a Delaware corporation.
- **“Tyler Software”** means our proprietary software, including any integrations, custom modifications, and/or other related interfaces identified in the Investment Summary and licensed by us to you through this Agreement.
- **“we”, “us”, “our”** and similar terms mean Tyler.
- **“you”** and similar terms mean Client.

SECTION B – SAAS SERVICES

1. **[Rights Granted](#)**. We grant to you the non-exclusive, non-assignable limited right to use the SaaS Services solely for your internal business purposes for the number of Defined Users only. The Tyler

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Software will be made available to you according to the terms of the SLA. You acknowledge that we have no delivery obligations, and we will not ship copies of the Tyler Software as part of the SaaS Services. You may use the SaaS Services to access updates and enhancements to the Tyler Software, as further described in Section C(9).

2. SaaS Fees. You agree to pay us the SaaS Fees. Those amounts are payable in accordance with our Invoicing and Payment Policy. The SaaS Fees are based on the number of Defined Users and amount of Data Storage Capacity. You may add additional users or additional data storage capacity on the terms set forth in Section H(1). In the event you regularly and/or meaningfully exceed the Defined Users or Data Storage Capacity, we reserve the right to charge you additional fees commensurate with the overage(s).
3. Ownership.
 - 3.1 We retain all ownership and intellectual property rights to the SaaS Services, the Tyler Software, and anything developed by us under this Agreement. You do not acquire under this Agreement any license to use the Tyler Software in excess of the scope and/or duration of the SaaS Services.
 - 3.2 The Documentation is licensed to you and may be used and copied by your employees for internal, non-commercial reference purposes only.
 - 3.3 You retain all ownership and intellectual property rights to the Data. You expressly recognize that except to the extent necessary to carry out our obligations contained in this Agreement, we do not create or endorse any Data used in connection with the SaaS Services.
4. Restrictions. You may not: (a) make the Tyler Software or Documentation resulting from the SaaS Services available in any manner to any third party for use in the third party's business operations; (b) modify, make derivative works of, disassemble, reverse compile, or reverse engineer any part of the SaaS Services; (c) access or use the SaaS Services in order to build or support, and/or assist a third party in building or supporting, products or services competitive to us; or (d) license, sell, rent, lease, transfer, assign, distribute, display, host, outsource, disclose, permit timesharing or service bureau use, or otherwise commercially exploit or make the SaaS Services, Tyler Software, or Documentation available to any third party other than as expressly permitted by this Agreement.
5. Software Warranty. We warrant that the Tyler Software will perform without Defects during the term of this Agreement. If the Tyler Software does not perform as warranted, we will use all reasonable efforts, consistent with industry standards, to cure the Defect in accordance with the maintenance and support process set forth in Section C(9), below, the SLA and our then current Support Call Process.
6. SaaS Services.
 - 6.1 Our SaaS Services are audited at least yearly in accordance with the AICPA's Statement on Standards for Attestation Engagements ("SSAE") No. 21. We have attained, and will maintain, SOC 1 and SOC 2 compliance, or its equivalent, for so long as you are timely paying for SaaS Services. The scope of audit coverage varies for some Tyler Software solutions. Upon execution of a mutually agreeable Non-Disclosure Agreement ("NDA"), we will provide you with a summary of our compliance report(s) or its equivalent. Every year thereafter, for so long as the NDA is in effect and in which you make a written request, we will provide that same information. If our SaaS Services are provided using a 3rd party data center, we will provide available compliance reports for that data center.
 - 6.2 You will be hosted on shared hardware in a Tyler data center or in a third-party data center. In

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either event, databases containing your Data will be dedicated to you and inaccessible to our other customers.

- 6.3 Our Tyler data centers have fully-redundant telecommunications access, electrical power, and the required hardware to provide access to the Tyler Software in the event of a disaster or component failure. In the event of a data center failure, we reserve the right to employ our disaster recovery plan for resumption of the SaaS Services. In that event, we commit to a Recovery Point Objective (“RPO”) of 24 hours and a Recovery Time Objective (“RTO”) of 24 hours. RPO represents the maximum duration of time between the most recent recoverable copy of your hosted Data and subsequent data center failure. RTO represents the maximum duration of time following data center failure within which your access to the Tyler Software must be restored.
- 6.4 We conduct annual penetration testing of either the production network and/or web application to be performed. We will maintain industry standard intrusion detection and prevention systems to monitor malicious activity in the network and to log and block any such activity. We will provide you with a written or electronic record of the actions taken by us in the event that any unauthorized access to your database(s) is detected as a result of our security protocols. We will undertake an additional security audit, on terms and timing to be mutually agreed to by the parties, at your written request. You may not attempt to bypass or subvert security restrictions in the SaaS Services or environments related to the Tyler Software. Unauthorized attempts to access files, passwords or other confidential information, and unauthorized vulnerability and penetration test scanning of our network and systems (hosted or otherwise) is prohibited without the prior written approval of our IT Security Officer.
- 6.5 We test our disaster recovery plan on an annual basis. Our standard test is not client-specific. Should you request a client-specific disaster recovery test, we will work with you to schedule and execute such a test on a mutually agreeable schedule. At your written request, we will provide test results to you within a commercially reasonable timeframe after receipt of the request.
- 6.6 We will be responsible for importing back-up and verifying that you can log-in. You will be responsible for running reports and testing critical processes to verify the returned Data.
- 6.7 We provide secure Data transmission paths between each of your workstations and our servers.
- 6.8 Tyler data centers are accessible only by authorized personnel with a unique key entry. All other visitors to Tyler data centers must be signed in and accompanied by authorized personnel. Entry attempts to the data center are regularly audited by internal staff and external auditors to ensure no unauthorized access.
- 6.9 Where applicable with respect to our applications that take or process card payment data, we are responsible for the security of cardholder data that we possess, including functions relating to storing, processing, and transmitting of the cardholder data and affirm that, as of the Effective Date, we comply with applicable requirements to be considered PCI DSS compliant and have performed the necessary steps to validate compliance with the PCI DSS. We agree to supply the current status of our PCI DSS compliance program in the form of an official Attestation of Compliance, which can be found at <https://www.tylertech.com/about-us/compliance>, and in the event of any change in our status, will comply with applicable notice requirements.
- 6.10 Notice of Data & Security Breaches. Tyler will provide notice of a confirmed breaches of security or your Data in accordance with applicable state notification law(s).

SECTION C – PROFESSIONAL SERVICES

Addendum A

1. Professional Services. We will provide you the various implementation-related services itemized in the Investment Summary and described in the Statement of Work.
2. Professional Services Fees. You agree to pay us the professional services fees in the amounts set forth in the Investment Summary. Those amounts are payable in accordance with our Invoicing and Payment Policy. You acknowledge that the fees stated in the Investment Summary are good-faith estimates of the amount of time and materials required for your implementation. We will bill you the actual fees incurred based on the in-scope services provided to you. Any discrepancies in the total values set forth in the Investment Summary will be resolved by multiplying the applicable hourly rate by the quoted hours.
3. Additional Services. The Investment Summary contains, and the Statement of Work describes, the scope of services and related costs (including programming and/or interface estimates) required for the project based on our understanding of the specifications you supplied. If additional work is required, or if you use or request additional services, we will provide you with an addendum or change order, as applicable, outlining the costs for the additional work. The price quotes in the addendum or change order will be valid for thirty (30) days from the date of the quote. For the avoidance of doubt, Tyler will not add services to this Agreement without your advance written approval.
4. Cancellation. If you cancel services less than four (4) weeks in advance (other than for Force Majeure or breach by us), you will be liable for all (a) daily fees associated with cancelled professional services if we are unable to reassign our personnel and (b) any non-refundable travel expenses already incurred by us on your behalf. We will make all reasonable efforts to reassign personnel in the event you cancel within four (4) weeks of scheduled commitments.
5. Services Warranty. We will perform the services in a professional, workmanlike manner, consistent with industry standards. In the event we provide services that do not conform to this warranty, we will re-perform such services to conform to this warranty at no additional cost to you.
6. Site Access and Requirements. At no cost to us, you agree to provide us with full and free access to your personnel, facilities, and equipment as may be reasonably necessary for us to provide implementation services, subject to any reasonable security protocols or other written policies provided to us as of the Effective Date, and thereafter as mutually agreed to by you and us.
7. Background Checks. For at least the past twelve (12) years, all of our employees have undergone criminal background checks prior to hire. All employees sign our confidentiality agreement and security policies.
8. Client Assistance. You acknowledge that the implementation of the Tyler Software is a cooperative process requiring the time and resources of your personnel. You agree to use all reasonable efforts to cooperate with and assist us as may be reasonably required to meet the agreed upon project deadlines and other milestones for implementation. This cooperation includes at least working with us to schedule the implementation-related services outlined in this Agreement. We will not be liable for failure to meet any deadlines and milestones when such failure is due to Force Majeure or

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to the failure by your personnel to provide such cooperation and assistance (either through action or omission).

9. Maintenance and Support. For so long as you timely pay your SaaS Fees according to the Invoicing and Payment Policy, then in addition to the terms set forth in the SLA and the Support Call Process, we will:
 - 9.1 perform our maintenance and support obligations in a professional, good, and workmanlike manner, consistent with industry standards, to resolve Defects in the Tyler Software (subject to any applicable release life cycle policy);
 - 9.2 provide support during our established support hours;
 - 9.3 maintain personnel that are sufficiently trained to be familiar with the Tyler Software and Third Party Software, if any, in order to provide maintenance and support services;
 - 9.4 make available to you all releases to the Tyler Software (including updates and enhancements) that we make generally available without additional charge to customers who have a maintenance and support agreement in effect; and
 - 9.5 provide non-Defect resolution support of prior releases of the Tyler Software in accordance with any applicable release life cycle policy.

We will use all reasonable efforts to perform support services remotely. Currently, we use a third-party secure unattended connectivity tool called Bomgar, as well as GotoAssist by Citrix. Therefore, you agree to maintain a high-speed internet connection capable of connecting us to your PCs and server(s). You agree to provide us with a login account and local administrative privileges as we may reasonably require to perform remote services. We will, , use the secure connection to assist with proper diagnosis and resolution, subject to all applicable security protocols. If we cannot resolve a support issue remotely, we may be required to provide onsite services. In such event, we will be responsible for our travel expenses, unless it is determined that the reason onsite support was required was a reason outside our control. For the avoidance of doubt, you will not be responsible for travel expenses associated with onsite maintenance services unless you have agreed to such expenses in advance. Either way, you agree to provide us with full and free access to the Tyler Software, working space, adequate facilities within a reasonable distance from the equipment, and use of machines, attachments, features, or other equipment reasonably necessary for us to provide the maintenance and support services, all at no charge to us. We strongly recommend that you also maintain your VPN for backup connectivity purposes.

For the avoidance of doubt, SaaS Fees do not include the following services: (a) onsite support (unless Tyler cannot remotely correct a Defect in the Tyler Software, as set forth above); (b) application design; (c) other consulting services; or (d) support outside our normal business hours as listed in our then-current Support Call Process. Requested services such as those outlined in this section will be billed to you on a time and materials basis at our then current rates. You must request those services with at least one (1) weeks' advance notice.

SECTION D – THIRD PARTY PRODUCTS

1. Third Party Hardware. We will sell, deliver, and install onsite the Third Party Hardware, if you have purchased any, for the price set forth in the Investment Summary. Those amounts are payable in

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accordance with Exhibit B of this Agreement .

2. Third Party Software. As part of the SaaS Services, you will receive access to the Third Party Software and related documentation for internal business purposes only. Your rights to the Third Party Software will be governed by the Third Party Terms.
3. Third Party Products Warranties.
 - 3.1 We are authorized by each Developer to grant access to the Third Party Software.
 - 3.2 The Third Party Hardware will be new and unused, and upon payment in full, you will receive free and clear title to the Third Party Hardware.
 - 3.3 You acknowledge that we are not the manufacturer of the Third Party Products. We do not warrant or guarantee the performance of the Third Party Products. However, we grant and pass through to you any warranty that we may receive from the Developer or supplier of the Third Party Products.
4. Third Party Services. If you have purchased Third Party Services, those services will be provided independent of Tyler by such third-party at the rates set forth in the Investment Summary and in accordance with our Invoicing and Payment Policy.

SECTION E - INVOICING AND PAYMENT; INVOICE DISPUTES

1. Invoicing and Payment. We will invoice you the SaaS Fees and fees for other professional services in the Investment Summary per Exhibit B of this Agreement.
2. Invoice Disputes. If you believe any delivered software or service does not conform to the warranties in this Agreement, you will provide us with written notice within thirty (35) days of your receipt of the applicable invoice. The written notice must contain reasonable detail of the issues you contend are in dispute so that we can confirm the issue and respond to your notice with either a justification of the invoice, an adjustment to the invoice, or a proposal addressing the issues presented in your notice. We will work with you as may be necessary to develop an action plan that outlines reasonable steps to be taken by each of us to resolve any issues presented in your notice. You may withhold payment of the amount(s) actually in dispute, and only those amounts, until we complete the action items outlined in the plan. If we are unable to complete the action items outlined in the action plan because of your failure to complete the items agreed to be done by you, then you will remit full payment of the invoice. We reserve the right to suspend delivery of all SaaS Services, including maintenance and support services, if you fail to pay an invoice not disputed as described above within fifteen (15) days of notice of our intent to do so.

SECTION F – TERM AND TERMINATION

1. Term. The initial term of this Agreement is five (5) year, commencing on the first day of the first month following the Effective Date, unless earlier terminated as set forth below. Upon expiration of the initial term, this Agreement will renew automatically for additional one (1) year renewal terms at our then-current SaaS Fees (but subject to any price protection indicated in Exhibit B (Payment Policy) unless terminated in writing by either party at least sixty (60) days prior to the end of the then-current renewal term. Your right to access or use the Tyler Software and the SaaS Services will terminate at the end of this Agreement.

Addendum A

2. Termination. This Agreement may be terminated as set forth below. In the event of termination, you will pay us for all undisputed fees and expenses related to the software, products, and/or services you have received, or we have incurred or delivered, prior to the effective date of termination. Disputed fees and expenses in all terminations other than your termination for cause must have been submitted as invoice disputes in accordance with Section E(2).
 - 2.1 Failure to Pay SaaS Fees. You acknowledge that continued access to the SaaS Services is contingent upon your timely payment of SaaS Fees. If you fail to timely pay the SaaS Fees, we may discontinue the SaaS Services and deny your access to the Tyler Software. We may also terminate this Agreement if you do not cure such failure to pay within forty-five (45) days of receiving written notice of our intent to terminate.
 - 2.2 For Cause. If you believe we have materially breached this Agreement, you will invoke the Dispute Resolution clause set forth in Section H(3). You may terminate this Agreement for cause in the event we do not cure, or create a mutually agreeable action plan to address, a material breach of this Agreement within the thirty (30) day window set forth in Section H(3).
 - 2.3 Force Majeure. Either party has the right to terminate this Agreement if a Force Majeure event suspends performance of the SaaS Services for a period of forty-five (45) days or more.
 - 2.4 Lack of Appropriations. If you should not appropriate or otherwise make available funds sufficient to utilize the SaaS Services, you may unilaterally terminate this Agreement upon thirty (30) days written notice to us. You will not be entitled to a refund or offset of previously paid, but unused SaaS Fees. You agree not to use termination for lack of appropriations as a substitute for termination for convenience.

SECTION G – INDEMNIFICATION, LIMITATION OF LIABILITY AND INSURANCE

1. Intellectual Property Infringement Indemnification.
 - 1.1 We will defend you against any third party claim(s) that the Tyler Software or Documentation infringes that third party's patent, copyright, or trademark, or misappropriates its trade secrets, and will pay the amount of any resulting adverse final judgment (or settlement to which we consent). You must notify us promptly in writing of the claim and give us sole control over its defense or settlement. You agree to provide us with reasonable assistance, cooperation, and information in defending the claim at our expense.
 - 1.2 Our obligations under this Section G(1) will not apply to the extent the claim or adverse final judgment is based on your use of the Tyler Software in contradiction of this Agreement, including with non-licensed third parties, or your willful infringement.
 - 1.3 If we receive information concerning an infringement or misappropriation claim related to the Tyler Software, we may, at our expense and without obligation to do so, either: (a) procure for you the right to continue its use; (b) modify it to make it non-infringing; or (c) replace it with a functional equivalent, in which case you will stop running the allegedly infringing Tyler Software immediately. Alternatively, we may decide to litigate the claim to judgment, in which case you may continue to use the Tyler Software consistent with the terms of this Agreement.
 - 1.4 If an infringement or misappropriation claim is fully litigated and your use of the Tyler Software is enjoined by a court of competent jurisdiction, in addition to paying any adverse final judgment (or settlement to which we consent), we will, at our option, either: (a) procure the right to continue its use; (b) modify it to make it non-infringing; or (c) replace it with a functional equivalent. This section provides your exclusive remedy for third party copyright, patent, or trademark infringement and trade secret misappropriation claims.

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2. General Indemnification.

2.1 We will indemnify and hold harmless you and your agents, officials, and employees from and against any and all third-party claims, losses, liabilities, damages, costs, and expenses (including reasonable attorney's fees and costs) for (a) personal injury or property damage to the extent caused by our negligence or willful misconduct; (b) our violation of PCI-DSS requirements or a law applicable to our performance under this Agreement; or Tyler's breach of Section H(17) ("Confidentiality") of this Agreement. You must notify us promptly in writing of the claim and give us sole control over its defense or settlement. You agree to provide us with reasonable assistance, cooperation, and information in defending the claim at our expense.

2.2 To the extent permitted by applicable law, you will indemnify and hold harmless us and our agents, officials, and employees from and against any and all third-party claims, losses, liabilities, damages, costs, and expenses (including reasonable attorney's fees and costs) for (a) personal injury or property damage to the extent caused by your negligence or willful misconduct; or (b) your violation of a law applicable to your performance under this Agreement. We will notify you promptly in writing of the claim and will give you sole control over its defense or settlement. We agree to provide you with reasonable assistance, cooperation, and information in defending the claim at your expense.

3. **DISCLAIMER. EXCEPT FOR THE EXPRESS WARRANTIES PROVIDED IN THIS AGREEMENT AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, WE HEREBY DISCLAIM ALL OTHER WARRANTIES AND CONDITIONS, WHETHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES, DUTIES, OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. CLIENT UNDERSTANDS AND AGREES THAT TYLER DISCLAIMS ANY LIABILITY FOR ERRORS THAT RELATE TO USER ERROR.**

4. **LIMITATION OF LIABILITY. EXCEPT AS OTHERWISE EXPRESSLY SET FORTH IN THIS AGREEMENT, OUR LIABILITY FOR DAMAGES ARISING OUT OF THIS AGREEMENT, WHETHER BASED ON A THEORY OF CONTRACT OR TORT, INCLUDING NEGLIGENCE AND STRICT LIABILITY, SHALL BE LIMITED TO YOUR ACTUAL DIRECT DAMAGES, NOT TO EXCEED (A) DURING THE INITIAL TERM, AS SET FORTH IN SECTION F(1), TOTAL FEES LISTED IN THE INVESTMENT SUMMARY; OR (B) DURING ANY RENEWAL TERM, THE THEN-CURRENT ANNUAL SAAS FEES PAYABLE IN THAT RENEWAL TERM. THE PARTIES ACKNOWLEDGE AND AGREE THAT THE PRICES SET FORTH IN THIS AGREEMENT ARE SET IN RELIANCE UPON THIS LIMITATION OF LIABILITY AND TO THE MAXIMUM EXTENT ALLOWED UNDER APPLICABLE LAW, THE EXCLUSION OF CERTAIN DAMAGES, AND EACH SHALL APPLY REGARDLESS OF THE FAILURE OF AN ESSENTIAL PURPOSE OF ANY REMEDY. THE FOREGOING LIMITATION OF LIABILITY SHALL NOT APPLY TO CLAIMS THAT ARE SUBJECT TO SECTIONS G(1) AND G(2). FOR THE AVOIDANCE OF DOUBT, TYLER'S LIABILITY UNDER THIS AGREEMENT REMAINS AS STATED, REGARDLESS OF THE PRESENCE OR ABSENCE OF INSURANCE COVERAGE.**

5. **EXCLUSION OF CERTAIN DAMAGES. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL WE BE LIABLE FOR ANY SPECIAL, INCIDENTAL, PUNITIVE, INDIRECT, OR CONSEQUENTIAL DAMAGES WHATSOEVER, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE FOREGOING EXCLUSION OF DAMAGES SHALL NOT APPLY TO CLAIMS THAT ARE SUBJECT TO SECTIONS G(1) AND G(2).**

6. Insurance. During the course of performing services under this Agreement, we agree to maintain

Addendum A

the following levels of insurance: (a) Commercial General Liability of at least \$1,000,000 per occurrence and \$2,000,000 aggregate; (b) Automobile Liability of at least \$1,000,000; (c) Professional Liability of at least \$4,000,000 per claim and \$4,000,000 aggregate (with a cyber/privacy liability sublimit of \$3,000,000 per claim and in the aggregate); (d) Workers Compensation complying with applicable statutory requirements; and (e) Excess/Umbrella Liability of at least \$5,000,000. We will add you as an additional insured to our Commercial General Liability and Automobile Liability policies, which will automatically add you as an additional insured to our Excess/Umbrella Liability policy as well. We will provide you with copies of certificates of insurance upon your written request.

SECTION H – GENERAL TERMS AND CONDITIONS

1. Additional Products and Services. You may purchase additional products and services at the rates set forth in the Investment Summary for twenty-four (24) months from the Effective Date by executing a mutually agreed addendum. If no rate is provided in the Investment Summary, or those twenty-four (24) months have expired, you may purchase additional products and services at our then-current list price, also by executing a mutually agreed addendum. The terms of this Agreement will control any such additional purchase(s), unless otherwise specifically provided in the addendum.
2. Optional Items. Pricing for any listed optional products and services in the Investment Summary will be valid for twenty-four (24) months from the Effective Date.
3. Dispute Resolution. You agree to provide us with written notice within thirty (30) days of becoming aware of a dispute. You agree to cooperate with us in trying to reasonably resolve all disputes, including, if requested by either party, appointing a senior representative to meet and engage in good faith negotiations with our appointed senior representative. Senior representatives will convene within thirty (30) days of the written dispute notice, unless otherwise agreed. All meetings and discussions between senior representatives will be deemed confidential settlement discussions not subject to disclosure under Federal Rule of Evidence 408 or any similar applicable state rule. If we fail to resolve the dispute, the city policy makers reserve the right to choose if they will participate in non-binding mediation in an effort to resolve the dispute. If the dispute remains unresolved after non-binding mediation, then either of us may assert our respective rights and remedies in a court of competent jurisdiction. Nothing in this section shall prevent you or us from seeking necessary injunctive relief during the dispute resolution procedures.
4. Taxes. The fees in the Investment Summary do not include any taxes, including, without limitation, sales, use, or excise tax. If you are a tax-exempt entity, you agree to provide us with a tax-exempt certificate. Otherwise, we will pay all applicable taxes to the proper authorities, and you will reimburse us for such taxes. If you have a valid direct-pay permit, you agree to provide us with a copy. For clarity, we are responsible for paying our income taxes, both federal and state, as applicable, arising from our performance of this Agreement.
5. Nondiscrimination. We will not discriminate against any person employed or applying for employment concerning the performance of our responsibilities under this Agreement. This discrimination prohibition will apply to all matters of initial employment, tenure, and terms of employment, or otherwise with respect to any matter directly or indirectly relating to employment concerning race, color, religion, national origin, age, sex, sexual orientation, ancestry, disability that

Addendum A

is unrelated to the individual's ability to perform the duties of a particular job or position, height, weight, marital status, or political affiliation. We will post, where appropriate, all notices related to nondiscrimination as may be required by applicable law.

6. E-Verify. We have complied, and will comply, with the E-Verify procedures administered by the U.S. Citizenship and Immigration Services Verification Division for all of our employees assigned to your project.
7. Subcontractors. We will not subcontract any services under this Agreement without your prior written consent, not to be unreasonably withheld.
8. Binding Effect; No Assignment. This Agreement shall be binding on, and shall be for the benefit of, either your or our successor(s) or permitted assign(s). Neither party may assign this Agreement without the prior written consent of the other party; provided, however, your consent is not required for an assignment by us as a result of a corporate reorganization, merger, acquisition, or purchase of substantially all of our assets.
9. Force Majeure. Except for your payment obligations, neither party will be liable for delays in performing its obligations under this Agreement to the extent that the delay is caused by Force Majeure; provided, however, that within ten (10) business days of the Force Majeure event, the party whose performance is delayed provides the other party with written notice explaining the cause and extent thereof, as well as a request for a reasonable time extension equal to the estimated duration of the Force Majeure event.
10. No Intended Third Party Beneficiaries. This Agreement is entered into solely for the benefit of you and us. No third party will be deemed a beneficiary of this Agreement, and no third party will have the right to make any claim or assert any right under this Agreement. This provision does not affect the rights of third parties under any Third Party Terms.
11. Entire Agreement; Amendment. This Agreement represents the entire agreement between you and us with respect to the subject matter hereof, and supersedes any prior agreements, understandings, and representations, whether written, oral, expressed, implied, or statutory. Purchase orders submitted by you, if any, are for your internal administrative purposes only, and the terms and conditions contained in those purchase orders will have no force or effect. This Agreement may only be modified by a written amendment signed by an authorized representative of each party.
12. Severability. If any term or provision of this Agreement is held invalid or unenforceable, the remainder of this Agreement will be considered valid and enforceable to the fullest extent permitted by law.
13. No Waiver. In the event that the terms and conditions of this Agreement are not strictly enforced by either party, such non-enforcement will not act as or be deemed to act as a waiver or modification of this Agreement, nor will such non-enforcement prevent such party from enforcing each and every term of this Agreement thereafter.
14. Independent Contractor. We are an independent contractor for all purposes under this Agreement.

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15. Notices. See Section 6 of the Master Agreement
16. Client Lists. You agree that we may identify you by name in client lists. We will only identify you in, marketing presentations and promotional materials following your advance written approval.
17. Confidentiality. Both parties recognize that their respective employees and agents, in the course of performance of this Agreement, may be exposed to confidential information and that disclosure of such information could violate rights to private individuals and entities, including the parties. Confidential information is nonpublic information that a reasonable person would believe to be confidential and includes, without limitation, personal identifying information (e.g., social security numbers) and trade secrets, each as defined by applicable state law. Each party agrees that it will not disclose any confidential information of the other party and further agrees to take all reasonable and appropriate action to prevent such disclosure by its employees or agents. The confidentiality covenants contained herein will survive the termination or cancellation of this Agreement. This obligation of confidentiality will not apply to information that:
 - 17.1 is in the public domain, either at the time of disclosure or afterwards, except by breach of this Agreement by a party or its employees or agents;
 - 17.2 a party can establish by reasonable proof was in that party's possession at the time of initial disclosure;
 - 17.3 a party receives from a third party who has a right to disclose it to the receiving party; or
 - 17.4 is the subject of a legitimate disclosure request under the open records laws or similar applicable public disclosure laws governing this Agreement; provided, however, that in the event you receive an open records or other similar applicable request, you will give us prompt notice and otherwise perform the functions required by applicable law.
18. Quarantining of Client Data. Some services provided by Tyler require us to be in possession of your Data. In the event we detect malware or other conditions associated with your Data that are reasonably suspected of putting Tyler resources or other Tyler clients' data at risk, we reserve the absolute right to move your Data from its location within a multi-tenancy Tyler hosted environment to an isolated "quarantined" environment without advance notice. Your Data will remain in such quarantine for a period of at least six (6) months during which time we will review the Data, and all traffic associated with the Data, for signs of malware or other similar issues. If no issues are detected through such reviews during the six (6) month period of quarantine, we will coordinate with you the restoration of your Data to a non-quarantined environment. In the event your Data must remain in quarantine beyond this six (6) month period through no fault of Tyler's, we reserve the right to require payment of additional fees for the extended duration of quarantine. We will provide an estimate of what those costs will be upon your request.
19. Business License. In the event a local business license is required for us to perform services hereunder, you will promptly notify us and provide us with the necessary paperwork and/or contact information so that we may timely obtain such license.
20. Governing Law. This Agreement will be governed by and construed in accordance with the laws of that State of Minnesota, without regard to its rules on conflicts of law.
21. Legal Compliance. Tyler will comply with all federal and state law applicable to its performance of services under this Agreement including, without limitation, all applicable provisions of the

Addendum A

Minnesota Government Data Practices Act.

22. Multiple Originals and Authorized Signatures. This Agreement may be executed in multiple originals, any of which will be independently treated as an original document. Any electronic, faxed, scanned, photocopied, or similarly reproduced signature on this Agreement or any amendment hereto will be deemed an original signature and will be fully enforceable as if an original signature. Each party represents to the other that the signatory set forth below is duly authorized to bind that party to this Agreement.
23. Cooperative Procurement. To the maximum extent permitted by applicable law, we agree that this Agreement may be used as a cooperative procurement vehicle by eligible jurisdictions. We reserve the right to negotiate and customize the terms and conditions set forth herein, including but not limited to pricing, to the scope and circumstances of that cooperative procurement.
24. Contract Documents. This Addendum A includes the following exhibits:
- | | |
|-----------|---|
| Exhibit A | Investment Summary
Schedule 1: EP&L Quote
Schedule 2: Additional Products Quote |
| Exhibit B | Invoicing and Payment Policy
Schedule 1: Reserved |
| Exhibit C | Service Level Agreement
Schedule 1: Support Call Process |
| Exhibit D | Third Party Terms |
| Exhibit E | Statement of Work |



Exhibit A

Investment Summary

The following Investment Summary details the software and services to be delivered by us to you under the Agreement. This Investment Summary is effective as of the Effective Date, despite any expiration date in the Investment Summary that may have lapsed as of the Effective Date. Capitalized terms not otherwise defined will have the meaning assigned to such terms in the Agreement. In the event of conflict between the Agreement and terms in the Comments section of this Investment Summary, the language in the Agreement will prevail.

Tyler sales quotations follow this page.

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Schedule 1

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Schedule 1

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Schedule 1



Quoted By:
Quote Expiration:
Quote Name:

Ray Kinard
12/31/23
Tyler EP&L

Sales Quotation For:

City of St. Paul
15 Kellogg Blvd W
Saint Paul MN 55102-1635
Phone: +1 (651) 266-8989

Tyler SaaS

Description	Term	Monthly Fee	Users/Units	Annual Fee
Enterprise Permitting & Licensing Core Software				
Enterprise Permitting & Licensing User		\$ 212	175	\$ 444,850
Enterprise Permitting & Licensing Foundation		\$ 2,579	1	\$ 30,944
Business Management Suite		\$ 2,394	1	\$ 28,733
Community Development Suite		\$ 2,394	1	\$ 28,733
Environmental Health Suite		\$ 0	1	\$ 0
Enterprise Permitting & Licensing Extensions				
Enterprise Permitting & Licensing View-Only Unlimited		\$ 3,333	1	\$ 40,000
Decision Engine		\$ 1,842	1	\$ 22,103
Content Manager				
Content Manager - Enterprise Permitting & Licensing Attachments		\$ 1,510	1	\$ 18,124
Sub-Total:				\$ 613,487

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Schedule 1

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Less Discount \$ 184,116
TOTAL **5.00** **\$ 429,371**

Professional Services

Description	Quantity	Unit Price	Extended Price	Maintenance
Professional Services				
Configuration Training - On Site	120	\$ 250	\$ 30,000	\$ 0
Custom Forms/Letters	20	\$ 3,000	\$ 60,000	\$ 0
Custom Reports/Outputs	20	\$ 5,000	\$ 100,000	\$ 0
Data Conversion Services	250	\$ 250	\$ 62,500	\$ 0
Integration Services for API/SDK Support	60	\$ 250	\$ 15,000	\$ 0
Production Support - Onsite	200	\$ 250	\$ 50,000	\$ 0
Professional Implementation Consulting - Remote	4800	\$ 200	\$ 960,000	\$ 0
Professional Implementation Consulting -Onsite	1600	\$ 250	\$ 400,000	\$ 0
Project Management (50% Dedicated - up to 64 hours per month)	20	\$ 12,500	\$ 250,000	\$ 0
Solutions Orientation Training - Onsite	120	\$ 250	\$ 30,000	\$ 0
Train the Trainer Training - Onsite	160	\$ 250	\$ 40,000	\$ 0
TOTAL:			\$ 1,997,500	\$ 0

Summary

Total SaaS

One Time Fees

Recurring Fees

\$ 429,371

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Exhibit A
Schedule 1

Optional Tyler SaaS

Comments

Enterprise Permitting & Licensing Foundation includes GIS for EPL Users, Core Foundation Bundle, Advanced Automation Bundle, Data & Reporting Access, Report Toolkit, EPL API Toolkit and 1 TB of Storage.

Exhibit A Schedule 1

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Schedule 1

Business Management Suite includes Civic Access for Business Management and Business Management Executive Insights. The Business Management suite can be configured for local businesses that manage cannabis control.

Community Development Suite includes Civic Access for Community Development and Community Development Executive Insights.

Environmental Health Suite includes Civic Access for Environment Health and Environmental Health Executive Insights.

Enterprise Permitting & Licensing User includes back-office and Workforce Mobile access.

In the event the Client cancels services less than two(2) weeks in advance, Client is liable to Tyler for (i) all non-refundable expenses incurred by Tyler on Client's behalf; and (ii) daily fees associated with the cancelled services if Tyler is unable to re-assign its personnel. Delays in completion, reviews, and/or acceptance of any deliverable by the Client will result in an increase in the duration of the project and will require a Change Order for any additional costs associated with the delay, including but not limited to additional hours for project management, deliverable development and review.

Tyler resources will configure and test basic Enterprise Permitting & Licensing functionality including global settings, and preliminary user roles.

It is the client's responsibility to provide and maintain the GIS services to be used by the Tyler Enterprise Permitting & Licensing applications. Tyler will provide guidelines to be followed for such services.

Enterprise Permitting and Licensing Implementation: This will be a shared services implementation where Tyler leads and owns the configuration of 90 unique case types to be used as examples for the remaining configuration to be completed by the client. For each unique case type Tyler implements, we assume our experienced Consultant expends 25-30 hours per process for definition, configuration, and issue resolution. Tyler will also build out our standard geo-rules and standard automation events included in the application. Configuration elements beyond this will be owned by the client.

Tyler Technologies' Enterprise Permitting and Licensing implementation team will be primarily responsible for the following implementation tasks:

- Training on how to use Enterprise Permitting and Licensing
- Training and providing guidance on how to configure and maintain Enterprise Permitting and Licensing
- Setup of Enterprise Permitting and Licensing GIS Map
- Setup of Enterprise Permitting and Licensing GIS Live Link
- Setup of Civic Access GIS Map (as applicable, based on contract)
- Setup of Civic Access ArcGIS Integration (as applicable, based on contract)
- Setup of Civic Access Payments (as applicable, based on contract and client having secured an appropriate payment gateway)
- Setup and testing of Tyler-to-Tyler integrations (Munis, Tyler Cashiering, Tyler Content Management, Tyler Incident Management, as applicable based on contract)
- Setup of Workforce Mobile licenses (as applicable, based on contract)

The client subject matter experts (SMEs) should be available approximately 25 – 50% (Dependent on the number of processes to be configured) of any given week throughout the project in order to perform configuration in addition to scheduled time with Tyler's Enterprise Permitting and Licensing consultant. The client configuration team should expect to spend somewhere between 50 to 60 hours of implementation time per process after their completion of configuration training.

These client SMEs will be responsible for the following general configuration tasks:

- Enterprise Permitting and Licensing Case Type Setup (and all associated items required to configure)
- Enterprise Permitting and Licensing System Setup Configuration (Holidays, Zones, Hold Types, Hearing Types, etc.)
- Enterprise Permitting and Licensing Report Setup's dynamic custom fields
- Enterprise Permitting and Licensing User/User Role Setup
- Enterprise Permitting and Licensing Workflow/Workflow Template Setup (WF Actions, Steps, Templates, Submittal Types, Item Reviews etc.)
- Civic Access Experience (Civic Access Case Types, Civic Access Geo Rules, Civic Access Themes, Headers, Menus, Security Settings, etc.)
- Enterprise Permitting and Licensing Automation Events (Intelligent Objects, standard Intelligent Queries). This covers automation tasks like E-mails, Tasks, Geo Rules, etc.
- Other configuration as desired by client

30 Automation Events are within the scope of this implementation – Automations are defined by:

- Intelligent Object (IO) – key component for automatically and reactively triggering the generating of emails, alerts, and other notifications.
- Intelligent Automation Agent (IAA) – a tool designed to automate a task in a proactive manner by setting values and generating emails and other tasks. On a nightly basis, a windows services sweeps the Enterprise Permitting & Licensing system looking for IAA conditions that have been met, and the associated actions are then performed. The IAA does not generate alerts or errors.
- Tyler will be responsible for the development of 30 Automation Events
- The Client will be responsible for any other Automation Events

15 Geo Rules are within the scope of this implementation – Geo Rules are defined by:

- An automation event that is triggered by a condition configured around the source ESRI geodatabase.
- Tyler will be responsible for the development of 15 Geo Rules
- The Client will be responsible for any other Geo Rules

Mobile Workforce - iG Inspect and iG Enforce provide a mobile solution for field personnel to capture inspection and code data remotely. Tyler will assist to connect IG Apps to the Enterprise Permitting & Licensing suite, and support testing. These applications are available on iOS.

Decision Engine is a web-based application that utilizes yes/no questions to guide citizens through online applications. Tyler will ensure and troubleshoot the connection and provide application configuration training. The client is responsible to design and implement questionnaires.

Tyler Hub is a platform that allows clients to set up individual dashboard to visualize data. Tyler resources will assist to tie the application to Enterprise Permitting & Licensing data and demonstrate how to set up user dashboards. The client will be responsible to set up and maintain user dashboards.

Exhibit A Schedule 1

Exhibit A
Schedule 1

Tyler will be responsible for connecting the Enterprise Permitting & Licensing data source to Tyler Hub. Tyler will provide training to the client to demonstrate how to personalize user views. It is the Client's responsibility to personalize user views. Any additional data source connections to Tyler Hub will incur additional costs.

DCT-DB Conversion - The Client will populate the Data Conversion Template database with their legacy data to be used for the conversion. Tyler will guide and support the Client during this process to ensure success in its population and actual conversion. Once the Data Conversion Template database has been populated by the Client, Tyler will produce the mapping document to provide to the Client to match Legacy Data to new Enterprise Permitting & Licensing fields. The client reviewed and approved mapping document will be used within the standard conversion utility.

Civic Access is the online portal for the client's citizens. Tyler will ensure the online portal is operating and is connected to GIS, complete the payment portal configuration, and provide Civic Access configuration training. The client is responsible for the configuration of making applications available online as well as any other components that fall outside of what was mentioned prior.

Report Development

The below numbers are the scope of the different types of reports to be developed by Tyler.

Custom Reports in Scope: 20

Ground up module level custom report based on client specification. A custom report returns data from multiple records based on selection criteria.

Custom Forms/Letters in Scope: 20

Ground up single record custom report based on client specifications. A form/letter returns data from a single record in Enterprise Permitting & Licensing (permit, code case, etc).

Training Policy - The client receives and will be billed for up to 32 hours of direct interaction with Trainers. Note that this time is billed in daily blocks at 8 hours for the day. Totalling 4 days of training time. The client will also be billed for up to 8 hours of setup and prep time. This allows our Trainers to become familiar with individual clients and their needs. While the Training is generic, our Trainers always spend time familiarizing themselves with client environments.

Tyler Content Manager - Enterprise Permitting & Licensing Tie in (Standard Edition) - Tyler Content Manager is a centralized document management solution for all Tyler applications. Tyler resources will configure, test, train personnel and support go-live for TCM functionality utilized by Enterprise Permitting & Licensing. A full TCM implementation requires additional resources, beyond the scope of this project.

Integration Services for API/SDK Support - these services provided by Tyler are limited to installation of API/SDK toolkits and guidance to the Client's integration development resources. Tyler does not provide integration development for API/SDK toolkits. The Client or a selected third party will perform all development work against the API/SDK toolkits.

Integration of EPL to Infor Financials - This integration exports Tyler standard financial transaction data from EPL to Infor financial software. Tyler resources will configure, test, train, and support go-live based on the EPL user interface. It is expected the customer is well versed in the Infor financial software.

Optional Tyler SaaS Products

eReviews enables electronic review and markup of submitted plans and other documentation by client personnel. eReviews requires Bluebeam Studio Prime, at an estimated yearly subscription cost of \$3,000/100 users. eReviews also requires Bluebeam Revu licenses for agency staff that is involved in the review, markup, and management of electronic plans. Bluebeam Revu licenses are approximately \$300 per user per year. Bluebeam Studio Revu and Bluebeam Prime are to be purchased separately by the client.

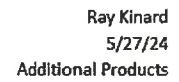
Enterprise Service Requests is an application for citizens to report code complaints. Tyler resources will configure, train client personnel, and support go-live for 311 functionality utilized by Enterprise Permitting & Licensing.

Tyler resources will establish connection and verify data exchange between My Civic and Enterprise Permitting & Licensing for code cases.



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Schedule 2

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Schedule 2

Tyler SaaS

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Schedule 2

Exhibit A
Schedule 2

Summary	One Time Fees	Recurring Fees
Total SaaS		\$ 77,356
Total Services	\$ 0	\$ 0
Total Third-Party Hardware, Software, Services	\$ 0	\$ 0
Summary Total	\$ 0	\$ 77,356
Contract Total	\$ 309,424	

Comments

SaaS Monthly Fees are rounded to the nearest dollar. The Annual Fee value represents the cost to the customer.

These products will begin invoicing on January 1, 2025.

eReviews enables electronic review and markup of submitted plans and other documentation by client personnel. eReviews requires Bluebeam Studio Prime, at an estimated yearly subscription cost of \$3,000/100 users. eReviews also requires Bluebeam Revu licenses for agency staff that is involved in the review, markup, and management of electronic plans. Bluebeam Revu licenses are approximately \$300 per user per year. Bluebeam Studio Revu and Bluebeam Prime are to be purchased separately by the client.

Enterprise Service Requests is an application for citizens to report code complaints. Tyler resources will configure, train client personnel, and support go-live for 311 functionality utilized by Enterprise Permitting & Licensing. Tyler resources will establish connection and verify data exchange between My Civic and Enterprise Permitting & Licensing code cases.

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CONFIDENTIAL

Page 2



Exhibit B

Invoicing and Payment Policy

We will provide you with the software and services set forth in the Investment Summary of the Agreement. Capitalized terms not otherwise defined will have the meaning assigned to such terms in the Agreement.

Invoicing: We will invoice you on a monthly basis for the applicable software and services in the Investment Summary as set forth below. Your rights to dispute any invoice are set forth in the Agreement.

1. **SaaS Fees.** SaaS Fees are invoiced on an annual basis, beginning on the commencement of the initial term as set forth in Section F (1) of this Agreement. Your SaaS fees for the initial term are set forth in the Investment Summary, and your payment schedule for those fees are set forth below. Tyler agrees to limit increases to the annual SaaS Fees to five percent (5%) per year for the first five (5) annual renewals following expiration of the initial five (5)-year terms. Following year ten, , your annual SaaS fees will be at our then-current rates.

Payment Due Date	SaaS Fees Due
1/1/2024	\$42,937
4/1/2024	\$42,937
7/1/2024	\$64,406
10/1/2024	\$64,406
1/1/2025	\$105,221*
4/1/2025	\$105,221
7/1/2025	\$126,690
10/1/2025	\$126,690
1/1/2026	\$506,727
1/1/2027	\$506,727
1/1/2028	\$506,727

*Schedule 2 SaaS Fees start.

2. **Other Tyler Software and Services.**
 - 2.1 ***Implementation and Other Professional Services (including training):*** Implementation and other professional services (including training) are billed and invoiced as delivered, at the rates set forth in the Investment Summary.
 - 2.2 ***Consulting Services:*** If you have purchased any Business Process Consulting services, if they have been quoted as fixed-fee services, they will be invoiced 50% upon your acceptance of the Best Practice Recommendations, by module, and 50% upon your acceptance of custom desktop procedures, by module. If you have purchased any Business Process Consulting

services and they are quoted as an estimate, then we will bill you the actual services delivered on a time and materials basis.

- 2.3 *Conversions*: Fixed-fee conversions are invoiced 50% upon initial delivery of the converted Data, by conversion option, and 50% upon Client acceptance to load the converted Data into Live/Production environment, by conversion option. Where conversions are quoted as estimated, we will bill you the actual services delivered on a time and materials basis.
 - 2.4 *Requested Modifications to the Tyler Software*: Requested modifications to the Tyler Software are invoiced 50% upon delivery of specifications and 50% upon delivery of the applicable modification. You must report any failure of the modification to conform to the specifications within thirty (30) days of delivery.; otherwise, the modification will be deemed to be in compliance with the specifications after the 30-day window has passed. You may still report Defects to us as set forth in this Agreement.
 - 2.5 *Other Fixed Price Services*: Other fixed price services are invoiced as delivered, at the rates set forth in the Investment Summary. For the avoidance of doubt, where “Project Planning Services” are provided, payment will be due upon delivery of the Implementation Planning document. Dedicated Project Management services, if any, will be billed monthly in arrears, beginning on the first day of the month immediately following initiation of project planning.
 - 2.6 *Web Services*: Annual fees for web services are payable in advance, commencing upon the availability of the service. Your annual fees for the initial term are set forth in the Investment Summary. Upon expiration of the initial term, your annual fees will be at our then-current rates.
 - 2.7 *Annual Services*: Unless otherwise indicated in this Exhibit B, fees for annual services are due annually, in advance, commencing on the availability of the service. Your annual fees for the initial term are set forth in the Investment Summary. Upon expiration of the initial term, your annual fees will be at our then-current rates.
3. Third Party Products.
 - 3.1 *Third Party Software License Fees*: License fees for Third Party Software, if any, are invoiced when we make it available to you for downloading.
 - 3.2 *Third Party Software Maintenance*: The first year maintenance for the Third Party Software is invoiced when we make it available to you for downloading.
 - 3.3 *Third Party Hardware*: Third Party Hardware costs, if any, are invoiced upon delivery.
 - 3.4 *Third Party Services*: Fees for Third Party Services, if any, are invoiced as delivered, along with applicable expenses, at the rates set forth in the Investment Summary. For the avoidance of doubt, Finite Matters will invoice Client directly for any services fees for Pattern Stream.
 - 3.5 *Third Party SaaS*: Third Party SaaS Services fees, if any, are invoiced annually, in advance, commencing with availability of the respective Third Party SaaS Services. Pricing for the first year of Third Party SaaS Services is indicated in the Investment Summary. Pricing for subsequent years will be at the respective third party’s then-current rates.
 4. Transaction Fees. Unless paid directly by an end user at the time of transaction, per transaction (call, message, etc.) fees are invoiced on a quarterly basis. Fees are indicated in the Investment Summary and may be increased by Tyler upon notice of no less than thirty (30) days.
 5. Expenses. The service rates in the Investment Summary for on premise services include travel expenses.

Payment. Payment for undisputed invoices is due within forty-five (45) days of the invoice date or, in the case of disputed invoices, within forty-five (45) days of the resolved dispute. We prefer to receive payments electronically. Our electronic payment information is available by contacting AR@tylertech.com.



Exhibit B
Schedule 1

Reserved.



Exhibit C

Service Level Agreement

I. Agreement Overview

This SLA operates in conjunction with, and does not supersede or replace any part of, the Agreement. It outlines the information technology service levels that we will provide to you to ensure the availability of the application services that you have requested us to provide. All other support services are documented in the Support Call Process. This SLA does not apply to any Third Party SaaS Services. All other support services are documented in the Support Call Process.

II. Definitions. Except as defined below, all defined terms have the meaning set forth in the Agreement.

Actual Attainment: The percentage of time the Tyler Software is available during a calendar month, calculated as follows: $(\text{Service Availability} - \text{Downtime}) \div \text{Service Availability}$.

Client Error Incident: Any service unavailability resulting from your applications, content or equipment, or the acts or omissions of any of your service users or third-party providers over whom we exercise no control.

Downtime: Those minutes during Service Availability, as defined below, when all users cannot launch, login, search or save primary data in the Tyler Software. Downtime does not include those instances in which only a Defect is present.

Emergency Maintenance Window: (1) maintenance that is required to patch a critical security vulnerability; (2) maintenance that is required to prevent an imminent outage of Service Availability; or (3) maintenance that is mutually agreed upon in writing by Tyler and the Client.

Planned Downtime: Downtime that occurs during a Standard or Emergency Maintenance window.

Service Availability: The total number of minutes in a calendar month that the Tyler Software is capable of receiving, processing, and responding to requests, excluding Planned Downtime, Client Error Incidents, denial of service attacks and Force Majeure. Service Availability only applies to Tyler Software being used in the live production environment.

Standard Maintenance: Routine maintenance to the Tyler Software and infrastructure. Standard Maintenance is limited to five (5) hours per week.

III. **Service Availability**

a. Your Responsibilities

Whenever you experience Downtime, you must make a support call according to the procedures outlined in the Support Call Process. You will receive a support case number.

b. Our Responsibilities

When our support team receives a call from you that Downtime has occurred or is occurring, we will work with you to identify the cause of the Downtime (including whether it may be the result of Planned Downtime, a Client Error Incident, denial of service attack or Force Majeure). We will also work with you to resume normal operations.

c. Client Relief

Our targeted Attainment Goal is 100%. You may be entitled to credits as indicated in the Client Relief Schedule found below. Your relief credit is calculated as a percentage of the SaaS Fees paid for the calendar month.

In order to receive relief credits, you must submit a request through one of the channels listed in our Support Call Process within fifteen days (15) of the end of the applicable month. We will respond to your relief request within thirty (30) day(s) of receipt.

The total credits confirmed by us will be applied to the SaaS Fee for the next billing cycle. Issuing of such credit does not relieve us of our obligations under the Agreement to correct the problem which created the service interruption.

Credits are only payable when Actual Attainment results in eligibility for credits in consecutive months and only for such consecutive months.

Client Relief Schedule	
Actual Attainment	Client Relief
99.99% - 99.70%	Remedial action will be taken
99.69% - 98.50%	2% of SaaS Fees paid for applicable month
98.49% - 97.50%	4% of SaaS Fees paid for applicable month
97.49% - 96.50%	6% of SaaS Fees paid for applicable month
96.49% - 95.50%	8% of SaaS Fees paid for applicable month
Below 95.50%	10% of SaaS Fees paid for applicable month

* Notwithstanding language in the Agreement to the contrary, Recovery Point Objective is one (1) hour.

IV. **Maintenance Notifications**

We perform Standard Maintenance during limited windows that are historically known to be reliably low-traffic times. If and when maintenance is predicted to occur during periods of higher traffic, we will provide advance notice of those windows and will coordinate to the greatest extent possible with you.

Not all maintenance activities will cause application unavailability. However, if Tyler anticipates that activities during a Standard or Emergency Maintenance window may make the Tyler Software unavailable, we will provide advance notice, as reasonably practicable, that the Tyler Software will be unavailable during the maintenance window



Exhibit C

Schedule 1

Support Call Process

Support Channels

Tyler Technologies, Inc. provides the following channels of software support for authorized users*:

- (1) On-line submission (portal) – for less urgent and functionality-based questions, users may create support incidents through the Tyler Customer Portal available at the Tyler Technologies website. A built-in Answer Panel provides users with resolutions to most “how-to” and configuration-based questions through a simplified search interface with machine learning, potentially eliminating the need to submit the support case.
- (2) Email – for less urgent situations, users may submit emails directly to the software support group.
- (3) Telephone – for urgent or complex questions, users receive toll-free, telephone software support.

** Channel availability may be limited for certain applications.*

Support Resources

A number of additional resources are available to provide a comprehensive and complete support experience:

- (1) Tyler Website – www.tylertech.com – for accessing client tools, documentation, and other information including support contact information.
- (2) Tyler Search -a knowledge based search engine that lets you search multiple sources simultaneously to find the answers you need, 24x7.
- (3) Tyler Community –provides a venue for all Tyler clients with current maintenance agreements to collaborate with one another, share best practices and resources, and access documentation.
- (4) Tyler University – online training courses on Tyler products.

Support Availability

Tyler Technologies support is available during the local business hours of 8 AM to 5 PM (Monday – Friday) across four US time zones (Pacific, Mountain, Central and Eastern). Tyler’s holiday schedule is outlined below. There will be no support coverage on these days.

New Year’s Day	Labor Day
Martin Luther King, Jr. Day	Thanksgiving Day
Memorial Day	Day after Thanksgiving
Independence Day	Christmas Day

For support teams that provide after-hours service, we will provide you with procedures for contacting support staff after normal business hours for reporting Priority Level 1 Defects only. Upon receipt of such a Defect notification, we will use commercially reasonable efforts to meet the resolution targets set forth below.

We will also make commercially reasonable efforts to be available for one pre-scheduled Saturday of each month to assist your IT staff with applying patches and release upgrades, as well as consulting with them on server maintenance and configuration of the Tyler Software environment.

Incident Handling

Incident Tracking

Every support incident is logged into Tyler’s Customer Relationship Management System and given a unique case number. This system tracks the history of each incident. The case number is used to track and reference open issues when clients contact support. Clients may track incidents, using the case number, through Tyler’s Customer Portal or by calling software support directly.

Incident Priority

Each incident is assigned a priority level, which corresponds to the Client’s needs. Tyler and the Client will reasonably set the priority of the incident per the chart below. This chart is not intended to address every type of support incident, and certain “characteristics” may or may not apply depending on whether the Tyler software has been deployed on customer infrastructure or the Tyler cloud. The goal is to help guide the Client towards clearly understanding and communicating the importance of the issue and to describe generally expected response and resolution targets in the production environment only.

References to a “confirmed support incident” mean that Tyler and the Client have successfully validated the reported Defect/support incident.

Priority Level	Characteristics of Support Incident	Resolution Targets*
1 Critical	Support incident that causes (a) complete application failure or application unavailability; (b) application failure or unavailability in one or more of the client’s remote location; or (c) systemic loss of multiple essential system functions.	Tyler shall provide an initial response to Priority Level 1 incidents within one (1) business hour of receipt of the incident. Once the incident has been confirmed, Tyler shall use commercially reasonable efforts to resolve such support incidents or provide a circumvention procedure within one (1) business day. For non-hosted customers, Tyler’s responsibility for lost or corrupted data is limited to assisting the Client in restoring its last available database.
2 High	Support incident that causes (a) repeated, consistent failure of essential functionality affecting more than one user or (b) loss or corruption of data.	Tyler shall provide an initial response to Priority Level 2 incidents within four (4) business hours of receipt of the incident. Once the incident has been confirmed, Tyler shall use commercially reasonable efforts to resolve such support incidents or provide a circumvention procedure within ten (10) business days. For non-hosted customers, Tyler’s responsibility for loss or corrupted data is limited to assisting the Client in restoring its last available database.
3 Medium	Priority Level 1 incident with an existing circumvention procedure, or a Priority Level 2 incident that affects only one user or for which there is an existing circumvention procedure.	Tyler shall provide an initial response to Priority Level 3 incidents within one (1) business day of receipt of the incident. Once the incident has been confirmed, Tyler shall use commercially reasonable efforts to resolve such support incidents without the need for a circumvention procedure with the next published maintenance update or service pack, which shall occur at least quarterly. For non-hosted customers, Tyler’s responsibility for lost or corrupted data is limited to assisting the Client in restoring its last available database.

Priority Level	Characteristics of Support Incident	Resolution Targets*
4 Non-critical	Support incident that causes failure of non-essential functionality or a cosmetic or other issue that does not qualify as any other Priority Level.	Tyler shall provide an initial response to Priority Level 4 incidents within two (2) business days of receipt of the incident. Once the incident has been confirmed, Tyler shall use commercially reasonable efforts to resolve such support incidents, as well as cosmetic issues, with a future version release.

**Response and Resolution Targets may differ by product or business need*

Incident Escalation

If Tyler is unable to resolve any priority level 1 or 2 defect as listed above or the priority of an issue has elevated since initiation, you may escalate the incident to the appropriate resource, as outlined by each product support team. The corresponding resource will meet with you and any Tyler staff to establish a mutually agreeable plan for addressing the defect.

Remote Support Tool

Some support calls may require further analysis of the Client's database, processes or setup to diagnose a problem or to assist with a question. Tyler will, at its discretion, use an industry-standard remote support tool. Tyler's support team must have the ability to quickly connect to the Client's system and view the site's setup, diagnose problems, or assist with screen navigation. More information about the remote support tool Tyler uses is available upon request.



Exhibit D

Third Party Terms

DocOrigin Terms. Your use of Tyler Forms software and forms is subject to the DocOrigin End User License Agreement available for download here: <https://eclipsecorp.us/eula/>. By signing a Tyler Agreement or Order Form including Tyler forms software or forms, or accessing, installing, or using Tyler Forms software or forms, you agree that you have read, understood, and agree to such terms.



Exhibit E

Statement of Work

Statement of Work follows this page.

City of St. Paul

SOW from Tyler Technologies, Inc.

12/11/2023

Presented to:
Scott Temares
15 W Kellogg Blvd.
St. Paul, MN 55102

Contact:
Ray Kinard
Email: Ray.Kinard@TylerTech.com
2530 Sever Road NW, Lawrenceville, GA 30043

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Part 1: Executive Summary

1. Project Overview

1.1 Introduction

Tyler Technologies (“Tyler”) is the largest and most established provider of integrated software and technology services focused solely on the public sector. Tyler’s end-to-end solutions empower public sector entities including local, state, provincial and federal government, to operate more efficiently and connect more transparently with their constituents and with each other. By connecting data and processes across disparate systems, Tyler’s solutions transform how clients gain actionable insights that solve problems in their communities.

1.2 Project Goals

This Statement of Work (“SOW”) documents the methodology, implementation stages, activities, and roles and responsibilities, and project scope listed in the Investment Summary of the Agreement between Tyler and the City of St. Paul (collectively the “Project”).

The overall goals of the project are to:

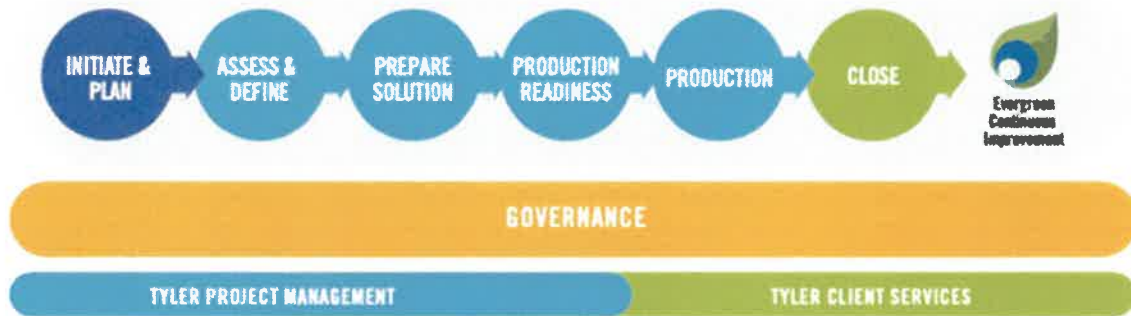
- Successfully implement the contracted scope on time and on budget
- Increase operational efficiencies and empower users to be more productive
- Improve accessibility and responsiveness to external and internal customer needs
- Overcome current challenges and meet future goals
- Providing a single, comprehensive, and integrated solution to manage business functions
- Streamline business processes through automation, integration, and workflows
- Provide a user-friendly user interface to promote system use and productivity
- Eliminate redundant data entry

1.3 Methodology

This is accomplished by the City of St. Paul and Tyler working as a partnership and Tyler utilizing its depth of implementation experience. While each Project is unique, all will follow Tyler’s six-stage methodology. Each of the six stages is comprised of multiple work packages, and each work package includes a narrative description, objectives, tasks, inputs, outputs/deliverables, assumptions, and a responsibility matrix.

Tailored specifically for Tyler’s public sector clients, the project methodology contains Stage Acceptance Control Points throughout each Phase to ensure adherence to scope, budget, timeline controls, effective communications, and quality standards. Clearly defined, the project methodology repeats consistently across Phases, and is scaled to meet the City of St. Paul’s complexity and organizational needs.

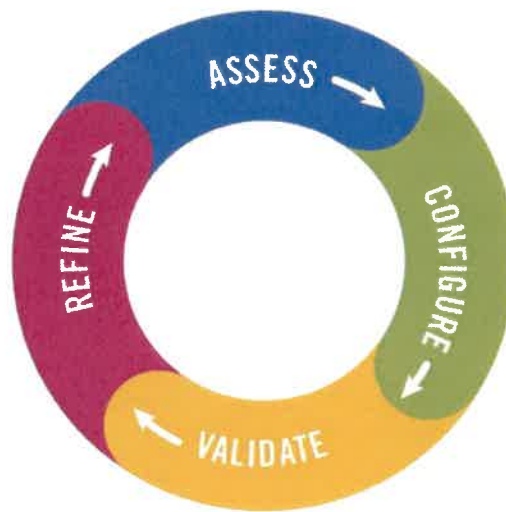
Tyler's Six Stage Project Methodology



The methodology adapts to both single-phase and multiple-phase projects.

To achieve Project success, it is imperative that both the City of St. Paul and Tyler commit to including the necessary leadership and governance. During each stage of the Project, it is expected that the City of St. Paul and Tyler Project teams work collaboratively to complete tasks. An underlying principle of Tyler's Implementation process is to employ an iterative model where the City of St. Paul's business processes are assessed, configured, validated, and refined cyclically in line with the project budget. This approach is used in multiple stages and work packages as illustrated in the graphic below.

Iterative Project Model



The delivery approach is systematic, which reduces variability and mitigates risks to ensure Project success. As illustrated, some stages, along with work packages and tasks, are intended to be overlapping by nature to complete the Project efficiently and effectively.

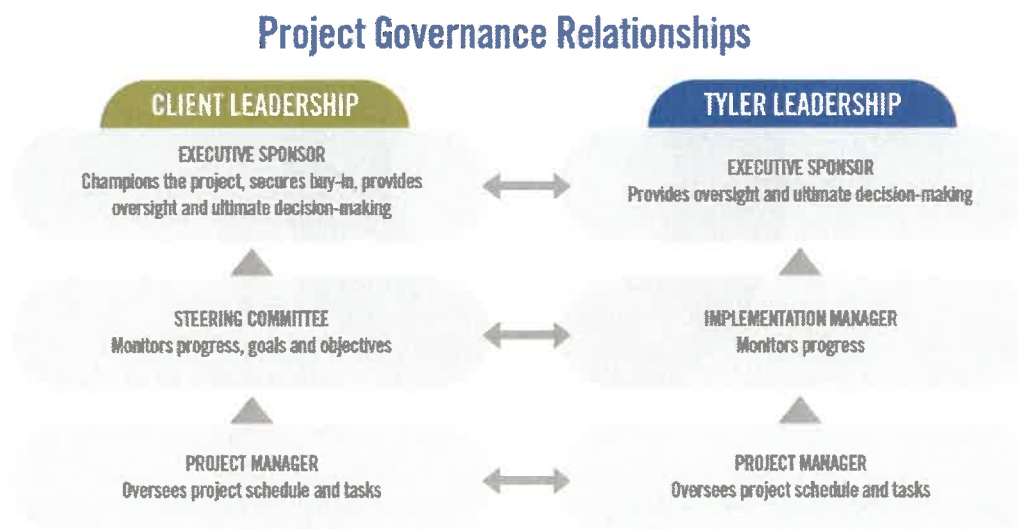
Part 2: Project Foundation

2. Project Governance

Project governance is the management framework within which Project decisions are made. The role of Project governance is to provide a decision-making approach that is logical, robust, and repeatable. This allows organizations to have a structured approach for conducting its daily business in addition to project related activities.

This section outlines the resources required to meet the business needs, objectives, and priorities for the Project, communicate the goals to other Project participants, and provide support and guidance to accomplish these goals. Project governance defines the structure for escalation of issues and risks, Change Control review and authority, and Organizational Change Management activities. Throughout the Statement of Work Tyler has provided RACI Matrices for activities to be completed throughout the implementation which will further outline responsibilities of different roles in each stage. Further refinement of the governance structure, related processes, and specific roles and responsibilities occurs during the Initiate & Plan Stage.

The chart below illustrates an overall team perspective where Tyler and the City of St. Paul collaborate to resolve Project challenges according to defined escalation paths. If project managers do not possess authority to determine a solution, resolve an issue, or mitigate a risk, Tyler implementation management and the City of St. Paul Steering Committee become the escalation points to triage responses prior to escalation to the City of St. Paul and Tyler executive sponsors. As part of the escalation process, each Project governance tier presents recommendations and supporting information to facilitate knowledge transfer and issue resolution. The City of St. Paul and Tyler executive sponsors serve as the final escalation point.



3. Project Scope Control

3.1 Managing Scope and Project Change

Project Management governance principles contend that there are three connected constraints on a Project: budget, timeline, and scope. These constraints, known as the “triple constraints” or project management triangle, define budget in terms of financial cost, labor costs, and other resource costs. Scope is defined as the work performed to deliver a product, service or result with the specified features and functions, while time is simply defined as the schedule. The Triple Constraint theory states that if you change one side of the triangle, the other two sides must be correspondingly adjusted. For example, if the scope of the Project is increased, cost and time to complete will also need to increase. The Project and executive teams will need to remain cognizant of these constraints when making impactful decisions to the Project. A simple illustration of this triangle is included here, showing the connection of each item and their relational impact to the overall Scope.



A pillar of any successful project is the ability to properly manage scope while allowing the appropriate level of flexibility to incorporate approved changes. Scope and changes within the project will be managed using the change control process outlined in the following section.

3.2 Change Control

It may become necessary to change the scope of this Project due to unforeseeable circumstances (e.g., new constraints or opportunities are discovered). This Project is being undertaken with the understanding that Project scope, schedule, and/or cost may need to change to produce optimal results for stakeholders. Changes to contractual requirements will follow the change control process specified in the final contract, and as described below.

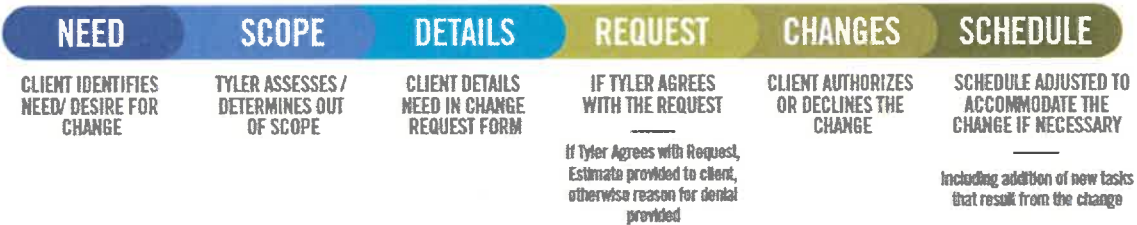
3.3 Change Request Management

Should the need for a change to Project scope, schedule, and/or cost be identified during the Project, the change will be brought to the attention of the Steering Committee and an assessment of the change will occur. While such changes may result in additional costs and delays relative to the schedule, some changes may result in less cost to the City of St. Paul; for example, the City of St. Paul may decide it no longer needs a deliverable originally defined in the Project. The Change Request will include the following information:

- The nature of the change.
- A good faith estimate of the additional cost or associated savings to the City of St. Paul, if any.
- The timetable for implementing the change.
- The effect on and/or risk to the schedule, resource needs or resource responsibilities.

The City of St. Paul will use its good faith efforts to either approve or disapprove any Change Request within ten (10) Business Days (or other period as mutually agreeable between Tyler and the City of St. Paul). Any changes to the Project scope, budget, or timeline must be documented and approved in writing using a Change Request form. These changes constitute a formal amendment to the Statement of Work and will supersede any conflicting term in the Statement of Work.

Change Request Process



4. Acceptance Process

The implementation of a Project involves many decisions to be made throughout its lifecycle. Decisions will vary from higher level strategy decisions to smaller, detailed Project level decisions. It is critical to the success of the Project that each City of St. Paul office or department designates specific individuals for making decisions on behalf of their offices or departments.

Both Tyler and the City of St. Paul will identify representative project managers. These individuals will represent the interests of all stakeholders and serve as the primary contacts between the two organizations.

The coordination of gaining City of St. Paul feedback and approval on Project deliverables will be critical to the success of the Project. The City of St. Paul project manager will strive to gain deliverable and decision approvals from all authorized City of St. Paul representatives. Given that the designated decision-maker for each department may not always be available, there must be a designated proxy for each decision point in the Project. Assignment of each proxy will be the responsibility of the leadership from each City of St. Paul department. The proxies will be named individuals that have the authorization to make decisions on behalf of their department.

The following process will be used for accepting Deliverables and Control Points:

- The City of St. Paul shall have five (5) business days from the date of delivery, or as otherwise mutually agreed upon by the parties in writing, to accept each Deliverable or Control Point. If the City of St. Paul does not provide acceptance or acknowledgement within five (5) business days, or the otherwise agreed upon timeframe, not to be unreasonably withheld, Tyler deems the Deliverable or Control Point as accepted.
- If the City of St. Paul does not agree the Deliverable or Control Point meets requirements, the City of St. Paul shall notify Tyler project manager(s), in writing, with reasoning within five (5) business days, or the otherwise agreed-upon timeframe, not to be unreasonably withheld, of receipt of the Deliverable.
- Tyler shall address any deficiencies and redeliver the Deliverable or Control Point. The City of St. Paul shall then have two (2) business days from receipt of the redelivered Deliverable or Control Point to accept or again submit written notification of reasons for rejecting the milestone. If the City of St. Paul does not provide acceptance within two (2) business days, or the otherwise agreed upon timeframe, not to be unreasonably withheld, Tyler deems the Deliverable or Control Point as accepted.

5. Roles and Responsibilities

The following defines the roles and responsibilities of each Project resource for the City of St. Paul and Tyler. Roles and responsibilities may not follow the organizational chart or position descriptions at the City of St. Paul, but are roles defined within the Project. It is common for individual resources on both the Tyler and City of St. Paul project teams to fill multiple roles. Similarly, it is common for some roles to be filled by multiple people.

5.1 Tyler Roles & Responsibilities

Tyler assigns a project manager prior to the start of each Phase of the Project (some Projects may only be one Phase in duration). Additional Tyler resources are assigned as the schedule develops and as needs arise.

5.1.1 Tyler Executive Oversight

Tyler's Senior Director of Professional Services has direct involvement with the Project and is part of the Tyler escalation process. This team member offers additional support to the Project team and can work with other Tyler department managers to escalate and facilitate implementation Project tasks and decisions. Tyler's Director of Professional Services, Director of Operations, and/or Project Manager will apprise the Senior Director of Professional Services of known issues that may require assistance or impede Project performance. The communication path for issue escalation at this level is typically with the Tyler Executive Manager.

Resource	Title	Expected Commitment	On-Site Commitment	Key Personnel
Adam Henderson	Senior Director, Professional Services	As Needed	As Needed	No

5.1.2 Tyler Executive Manager

Tyler executive management has indirect involvement with the Project and is part of the Tyler escalation process. This team member offers additional support to the Project team and collaborates with other Tyler department managers as needed to escalate and facilitate implementation Project tasks and decisions.

- Provides clear direction for Tyler staff on executing on the Project Deliverables to align with satisfying the City of St. Paul's overall organizational strategy.
- Authorizes required Project resources.
- Resolves all decisions and/or issues not resolved at the implementation management level as part of the escalation process.
- Acts as the counterpart to the City of St. Paul's executive sponsor.

Resource	Title	Expected Commitment	On-Site Commitment	Key Personnel
Nick Thomason	Director, Operations	As Needed	As Needed	No

5.1.3 Tyler Implementation Manager

Tyler implementation management has indirect involvement with the Project and is part of the Tyler escalation process. The Tyler project managers consult implementation management on issues and outstanding decisions critical to the Project. Implementation management works toward a solution with the Tyler Project Manager or with City of St. Paul management as appropriate. Tyler executive management is the escalation point for any issues not resolved at this level.

- Assigns Tyler Project personnel.
- Provides support for the Project team.
- Provides management support for the Project to ensure it is staffed appropriately and staff have necessary resources.
- Monitors Project progress including progress towards agreed upon goals and objectives.

Resource	Title	Expected Commitment	On-Site Commitment	Key Personnel
Trevor Edwards	Implementation Manager	25% (or more)	As Needed	Yes

5.1.4 Tyler Project Manager

The Tyler project manager(s) provides oversight of the Project, coordination of Tyler resources between departments, management of the Project budget and schedule, effective risk, and issue management, and is the primary point of contact for all Project related items. As requested by the City of St. Paul, the Tyler Project Manager provides regular updates to the City of St. Paul Steering Committee and other Tyler governance members. Tyler Project Manager's role includes responsibilities in the following areas:

5.1.4.1 Contract Management

- Validates contract compliance throughout the Project.
- Ensures Deliverables meet contract requirements.
- Acts as primary point of contact for all contract and invoicing questions.
- Prepares and presents contract milestone sign-offs for acceptance by the City of St. Paul project manager(s).
- Coordinates Change Requests, if needed, to ensure proper Scope and budgetary compliance.

5.1.4.2 Planning

- Delivers project planning documents.
- Defines Project tasks and resource requirements.
- Develops initial Project schedule and Project Management Plan.
- Collaborates with the City of St. Paul project manager(s) to plan and schedule Project timelines to achieve on-time implementation.

5.1.4.3 Implementation Management

- Tightly manages Scope and budget of Project to ensure Scope changes and budget planned versus actual are transparent and handled effectively and efficiently.
- Establishes and manages a schedule and Tyler resources that properly support the Project Schedule and are also in balance with Scope/budget.
- Establishes risk/issue tracking/reporting process between the City of St. Paul and Tyler and takes all necessary steps to proactively mitigate these items or communicate with transparency to the City of St. Paul any items that may impact the outcomes of the Project.
- Collaborates with the City of St. Paul's project manager(s) to establish key business drivers and success indicators that will help to govern Project activities and key decisions to ensure a quality outcome of the project.
- Collaborates with the City of St. Paul's project manager(s) to set a routine communication plan that will aide all Project team members, of both the City of St. Paul and Tyler, in understanding the goals, objectives, status, and health of the Project.

5.1.4.4 Resource Management

- Acts as liaison between Project team and Tyler manager(s).

- Identifies and coordinates all Tyler resources across all applications, Phases, and activities including development, forms, installation, reports, implementation, and billing.
- Provides direction and support to Project team.
- Manages the appropriate assignment and timely completion of tasks as defined in the Project Schedule, task list, and Go-Live Checklist.
- Assesses team performance and adjusts as necessary.
- Consulted on in Scope 3rd party providers to align activities with ongoing Project tasks.

Resource	Title	Expected Commitment	On-Site Commitment	Key Personnel
Maureen Lenehan	Project Manager	50%	As Needed	Yes

5.1.5 Tyler Implementation Consultant

- Completes tasks as assigned by the Tyler project manager(s).
- Documents activities for services performed by Tyler.
- Guides the City of St. Paul through software validation process following configuration.
- Assists during Go-Live process and provides support until the City of St. Paul transitions to Client Services.
- Facilitates training sessions and discussions with the City of St. Paul and Tyler staff to ensure adequate discussion of the appropriate agenda topics during the allotted time.
- May provide conversion review and error resolution assistance.

5.1.6 Tyler Sales

- Supports Sales to Implementation knowledge transfer during Initiate & Plan.
- Provides historical information, as needed, throughout implementation.
- Participates in pricing activities if additional licensing and/or services are needed.

5.1.7 Tyler Technical Services

- Maintains Tyler infrastructure requirements and design document(s).
- Involved in system infrastructure planning/review(s).
- Provides first installation of licensed software with initial database on servers.
- Supports and assists the project team with technical/environmental issues/needs.
- Deploys Tyler products.
- Conducts GIS Planning.
- Reviews GIS data and provides feedback to the City of St. Paul.
- Loads City of St. Paul provided GIS data into the system.

5.1.8 Tyler Product Development Lead

Resource	Title	Expected Commitment	On-Site Commitment	Key Personnel
Jeremy Hall	Senior Product Manager	As Needed	As Needed	No

5.2 City of St. Paul Roles & Responsibilities

City of St. Paul resources will be assigned prior to the start of each Phase of the Project. One person may be assigned to multiple Project roles.

5.2.1 City of St. Paul Executive Sponsor

The City of St. Paul executive sponsor provides support to the Project by providing strategic direction and communicating key issues about the Project and its overall importance to the organization. When called upon, the executive sponsor also acts as the final authority on all escalated Project issues. The executive sponsor engages in the Project, as needed, to provide necessary support, oversight, guidance, and escalation, but does not participate in day-to-day Project activities. The executive sponsor empowers the City of St. Paul steering committee, project manager(s), and functional leads to make critical business decisions for the City of St. Paul.

- Champions the project at the executive level to secure buy-in.
- Authorizes required project resources.
- Actively participates in organizational change communications.

5.2.2 City of St. Paul Steering Committee

The City of St. Paul steering committee understands and supports the cultural change necessary for the Project and fosters an appreciation for the Project's value throughout the organization. The steering committee oversees the City of St. Paul project manager and Project through participation in regular internal meetings. The City of St. Paul steering committee remains updated on all Project progress, Project decisions, and achievement of Project milestones. The City of St. Paul steering committee also serves as primary level of issue resolution for the Project.

- Works to resolve all decisions and/or issues not resolved at the project manager level as part of the escalation process.
- Attends all scheduled steering committee meetings.
- Provides support for the project team.
- Assists with communicating key project messages throughout the organization.
- Prioritizes the project within the organization.
- Ensures the project staffed appropriately and that staff have necessary resources.
- Monitors project progress including progress towards agreed upon goals and objectives.
- Has the authority to approve or deny changes impacting the following areas:
 - Cost
 - Scope
 - Schedule

- Project Goals
- City of St. Paul Policies
- Needs of other client projects

5.2.3 City of St. Paul Project Manager

The City of St. Paul shall assign project manager(s) prior to the start of this project with overall responsibility and authority to make decisions related to Project Scope, scheduling, and task assignment. The City of St. Paul Project Manager should communicate decisions and commitments to the Tyler project manager(s) in a timely and efficient manner. When the City of St. Paul project manager(s) do not have the knowledge or authority to make decisions, he or she engages the necessary resources to participate in discussions and make decisions in a timely fashion to avoid Project delays. The City of St. Paul project manager(s) are responsible for reporting to the City of St. Paul steering committee and determining appropriate escalation points.

5.2.3.1 Contract Management

- Validates contract compliance throughout the project.
- Ensures that invoicing and Deliverables meet contract requirements.
- Acts as primary point of contact for all contract and invoicing questions. Collaborates on and approves Change Requests, if needed, to ensure proper scope and budgetary compliance.

5.2.3.2 Planning

- Reviews and accepts project planning documents.
- Defines project tasks and resource requirements for the City of St. Paul project team.
- Collaborates in the development and approval of the project schedule.
- Collaborates with Tyler project manager(s) to plan and schedule project timelines to achieve on-time implementation.

5.2.3.3 Implementation Management

- Tightly manages project budget and scope.
- Collaborates with Tyler project manager(s) to establish a process and approval matrix to ensure that scope changes and budget (planned versus actual) are transparent and handled effectively and efficiently.
- Collaborates with Tyler project manager to establish and manage a schedule and resource plan that properly supports the project schedule as a whole and is also in balance with scope and budget.
- Collaborates with Tyler project manager(s) to establish risk and issue tracking and reporting process between the City of St. Paul and Tyler and takes all necessary steps to proactively mitigate these items or communicate with transparency to Tyler any items that may impact the outcomes of the project.
- Collaborates with Tyler project manager(s) to establish key business drivers and success indicators that will help to govern project activities and key decisions to ensure a quality outcome of the project.
- Routinely communicates with both the City of St. Paul staff and Tyler, aiding in the understanding of goals, objectives, current status, and health of the project by all team members.
- Manages the requirements gathering process and ensure timely and quality business requirements are being provided to Tyler.

5.2.3.4 Resource Management

- Acts as liaison between project team and stakeholders.

- Identifies and coordinates all City of St. Paul resources across all modules, phases, and activities including data conversions, forms design, hardware and software installation, reports building, and satisfying invoices.
- Provides direction and support to project team.
- Builds partnerships among the various stakeholders, negotiating authority to move the project forward.
- Manages the appropriate assignment and timely completion of tasks as defined.
- Assesses team performance and takes corrective action, if needed.
- Provides guidance to City of St. Paul technical teams to ensure appropriate response and collaboration with Tyler Technical Support Teams to ensure timely response and appropriate resolution.
- Owns the relationship with in-Scope 3rd party providers and aligns activities with ongoing project tasks.
- Ensures that users have appropriate access to Tyler project toolsets as required.
- Conducts training on proper use of toolsets.
- Validates completion of required assignments using toolsets.

5.2.4 City of St. Paul Functional Leads

- Makes business process change decisions under time sensitive conditions.
- Communicates existing business processes and procedures to Tyler consultants.
- Assists in identifying business process changes that may require escalation.
- Contributes business process expertise for Current & Future State Analysis.
- Identifies and includes additional subject matter experts to participate in Current & Future State Analysis.
- Validates that necessary skills have been retained by end users.
- Provides End Users with dedicated time to complete required homework tasks.
- Acts as an ambassador/champion of change for the new process and provide business process change support.
- Identifies and communicates any additional training needs or scheduling conflicts to the City of St. Paul project manager.
- Actively participates in all aspects of the implementation, including, but not limited to, the following key activities:
 - Task completion
 - Stakeholder Meeting
 - Project Management Plan development
 - Schedule development
 - Maintenance and monitoring of risk register
 - Escalation of issues
 - Communication with Tyler project team
 - Coordination of City of St. Paul resources
 - Attendance at scheduled sessions
 - Change management activities
 - Modification specification, demonstrations, testing and approval assistance
 - Data analysis assistance
 - Decentralized end user training
 - Process testing
 - Solution Validation

5.2.5 City of St. Paul Power Users

- Participate in project activities as required by the project team and project manager(s).
- Provide subject matter expertise on the City of St. Paul business processes and requirements.
- Act as subject matter experts and attend Current & Future State Analysis sessions as needed.
- Attend all scheduled training sessions.
- Participate in all required post-training processes as needed throughout project.
- Test all application configuration to ensure it satisfies business process requirements.
- Become application experts.
- Participate in Solution Validation.
- Adopt and support changed procedures.
- Complete all deliverables by the due dates defined in the project schedule.
- Demonstrate competency with Tyler products processing prior to Go-live.
- Provide knowledge transfer to the City of St. Paul staff during and after implementation.
- Participate in conversion review and validation.

5.2.6 City of St. Paul End Users

- Attend all scheduled training sessions.
- Become proficient in application functions related to job duties.
- Adopt and utilize changed procedures.
- Complete all deliverables by the due dates defined in the project schedule.
- Utilize software to perform job functions at and beyond Go-live.

5.2.7 City of St. Paul Technical Lead

- Coordinates updates and releases with Tyler as needed.
- Coordinates the copying of source databases to training/testing databases as needed for training days.
- Coordinates and adds new users, printers and other peripherals as needed.
- Validates that all users understand log-on process and have necessary permission for all training sessions.
- Coordinates interface development for City of St. Paul third party interfaces.
- Develops or assists in creating reports as needed.
- Ensures on-site system meets specifications provided by Tyler.
- Assists with software installation as needed.
- Extracts and transmits conversion data and control reports from the City of St. Paul's legacy system per the conversion schedule set forth in the project schedule.

5.2.7.1 City of St. Paul GIS

- Participates in GIS planning activities.
- Responsible for management and maintenance of City of St. Paul GIS infrastructure and data.
- Ensures GIS data/service endpoints are in alignment with Tyler software requirements.
- Provides Tyler implementation team with GIS data/service access information.

5.2.7.2 City of St. Paul Upgrade Coordination

- Becomes familiar with the software upgrade process and required steps.
- Becomes familiar with Tyler's releases and updates.

- Utilizes Tyler resources to stay abreast of the latest Tyler releases and updates, as well as the latest helpful tools to manage the City of St. Paul's software upgrade process.
- Assists with the software upgrade process during implementation.
- Manages software upgrade activities post-implementation.
- Manages software upgrade plan activities.
- Coordinates software upgrade plan activities with City of St. Paul and Tyler resources.
- Communicates changes affecting users and department stakeholders.
- Obtains department stakeholder acceptance to upgrade production environment.

5.2.8 City of St. Paul Change Management Lead

- Validates that users receive timely and thorough communication regarding process changes.
- Provides coaching to supervisors to prepare them to support users through the project changes.
- Identifies the impact areas resulting from project activities and develops a plan to address them proactively.
- Identifies areas of resistance and develops a plan to reinforce the change.
- Monitors post-production performance and new process adherence.

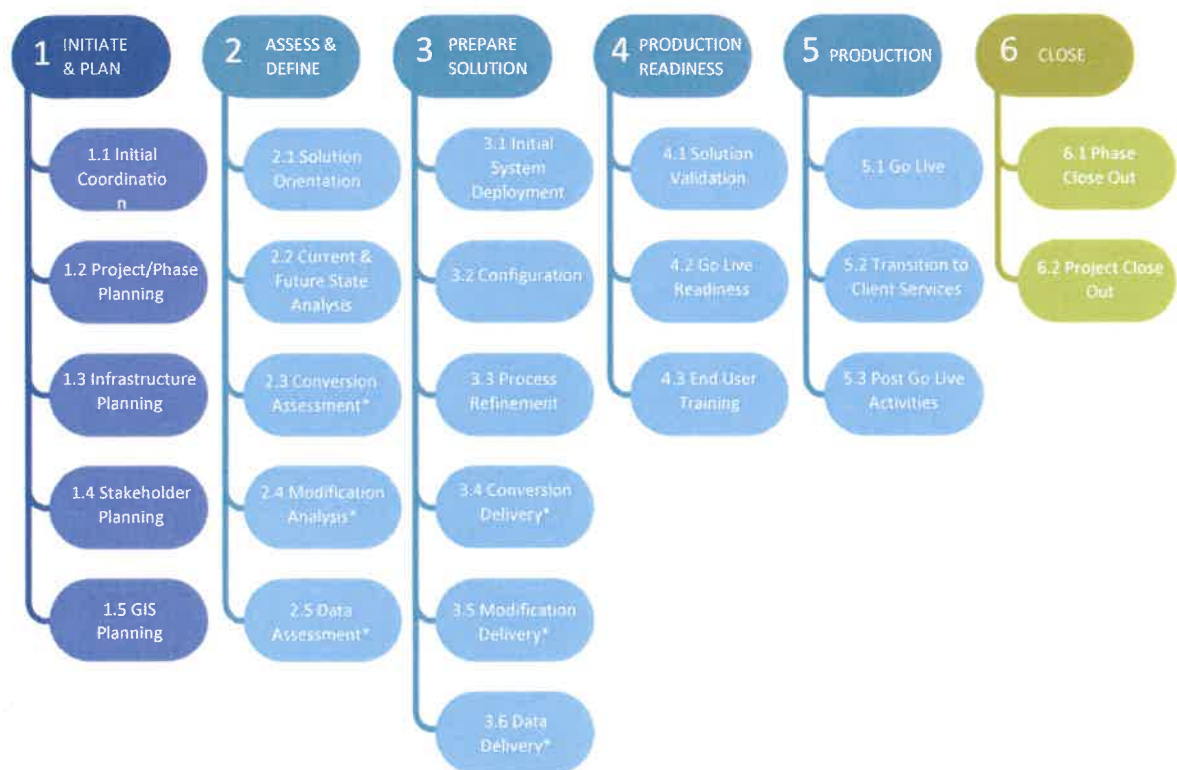
Part 3: Project Plan

6. Project Stages

Work Breakdown Structure

The Work Breakdown Structure (WBS) is a hierarchical representation of a Project or Phase broken down into smaller, more manageable components. The top-level components are called “Stages” and the second level components are called “Work Packages”. The work packages, shown below each stage, contain the high-level work to be done. The detailed Project Schedule, developed during Project/Phase Planning and finalized during subsequent stages, lists the tasks to be completed within each work package. Each stage ends with a “Control Point”, confirming the work performed during that stage of the Project has been accepted by the City of St. Paul.

Work Breakdown Structure (WBS)



**Items noted with an asterisk in the graphic above relate to specific products and services. If those products and services are not included in the scope of the contract, these specific work packages will be noted as "Intentionally Left Blank" in Section 6 of the Statement of Work.*

6.1 Initiate and Plan

The Initiate and Plan stage involves Project initiation, infrastructure, and planning. This stage creates a foundation for the Project by identifying and establishing sequence and timing for each Phase as well as verifying scope for the Project. This stage will be conducted at the onset of the Project, with a few unique items being repeated for the additional Phases as needed.

6.1.1 Initial Coordination

Prior to Project commencement, Tyler management assigns project manager(s). Additional Project resources will be assigned later in the Project as a Project schedule is developed. Tyler provides the City of St. Paul with initial Project documents used to gather names of key personnel, their functional role as it pertains to the Project, as well as any blackout dates to consider for future planning. the City of St. Paul gathers the information requested by the provided deadline ensuring preliminary planning and scheduling can be conducted moving the Project forward in a timely fashion. Internally, the Tyler Project Manager(s) coordinate with sales to ensure transfer of vital information from the sales process prior to scheduling a Project Planning Meeting with the City of St. Paul's team. During this step, Tyler will work with the City of St. Paul to establish the date(s) for the Project and Phase Planning session.

Objectives:

- Formally launch the project.
- Establish project governance.
- Define and communicate governance for Tyler.
- Identify City of St. Paul project team.

STAGE 1	Initial Coordination																
	Tyler								City of St. Paul								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Tyler project team is assigned	A	R	C	I	I	I	I		I		I						
City of St. Paul project team is assigned									A	I	R	I	I	I			
Provide initial project documents to the City of St. Paul		A	R	C			C		I		I						
Gather preliminary information requested			I						A		R	C		C		C	C
Sales to implementation knowledge transfer		A	R	I	I	I	I				I						

Create Project Portal to store project artifacts and facilitate communication		A	R							I							
---	--	---	---	--	--	--	--	--	--	---	--	--	--	--	--	--	--

Inputs	Contract documents
	Statement of Work

Outputs/Deliverables	Working initial project documents
	Project portal

Work package assumptions:

- Project activities begin after the agreement has been fully executed.

6.1.2 Project/Phase Planning

Project and Phase planning provides an opportunity to review the contract, software, data conversions and services purchased, identify applications to implement in each Phase (if applicable), and discuss implementation timeframes.

During this work package Tyler will work with the City of St. Paul to coordinate and plan a formal Project planning meeting(s). This meeting signifies the start of the Project and should be attended by all City of St. Paul Project team members and the Tyler Project Manager. The meeting provides an opportunity for Tyler to introduce its implementation methodology, terminology, and Project management best practices to the City of St. Paul's Project Team. This will also present an opportunity for project managers and Project sponsors to begin to discuss Project communication, metrics, status reporting and tools to be used to measure Project progress and manage change.

Tyler will work with the City of St. Paul Project Team to prepare and deliver the Project Management Plan as an output of the planning meeting. This plan will continue to evolve and grow as the Project progresses and will describe how the project will be executed, monitored, and controlled.

During project planning, Tyler will introduce the tools that will be used throughout the implementation. Tyler will familiarize the City of St. Paul with these tools during project planning and make them available for review and maintenance as applicable throughout the project. Some examples are Solution validation plan, issue log, and go-live checklist.

[illegible]

Schedule and conduct planning session(s)		A	R						I		C	C	I				
Develop Project Management Plan		A	R						I		C	C	I				
Develop initial project schedule		A	R	I	I	I	I		I	I	C	C	I	I	C		I

Inputs	Contract documents
	Statement of Work
	Guide to Starting Your Project

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Project Management Plan	Delivery of document
	Project Operational Plan	Delivery of document
	Initial Project Schedule	City of St. Paul provides acceptance of schedule based on resource availability, project budget, and goals.

Work package assumptions:

- City of St. Paul has reviewed and completed the Guide to Starting Your Project document.

6.1.3 Infrastructure Planning

Procuring required hardware and setting it up properly is a critical part of a successful implementation. This task is especially important for Tyler-hosted/SaaS deployment models. Tyler will be responsible for building the environments for a hosted/SaaS deployment, unless otherwise identified in the Agreement. Tyler will install Licensed Software on application server(s) or train the City of St. Paul to install License Software. The City of St. Paul is responsible for the installation and setup of all peripheral devices.

Objectives:

- Ensure the City of St. Paul's infrastructure meets Tyler's application requirements.
- Ensure the City of St. Paul's infrastructure is scheduled to be in place and available for use on time.

STAGE 1	Infrastructure Planning																
	Tyler								City of St. Paul								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts	Department Heads	End Users	Technical Leads
		A	R		C		C				I						I
Provide Infrastructure																	

Requirements and Design Document																		
Initial Infrastructure Meeting		A	R			C		C				C						C
Schedule SaaS Environment Availability		A	R					C				I						
Schedule Installation of All Licensed Software		A	R					C				I						I
Infrastructure Audit		A	R					C				I						C

Inputs	Initial Infrastructure Requirements
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Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Completed Infrastructure Requirements	Delivery of Requirements
	Infrastructure Audit	System Passes Audit Criteria

6.1.4 Stakeholder Meeting

Communication of the Project planning outcomes to the City of St. Paul Project team, executives and other key stakeholders is vital to Project success. The Stakeholder meeting is a strategic activity to inform, engage, gain commitment, and instill confidence in the City of St. Paul team. During the meeting, the goals and objectives of the Project will be reviewed along with detail on Project scope, implementation methodology, roles and responsibilities, Project timeline and schedule, and keys to Project success.

Objectives:

- Formally present and communicate the project activities and timeline.
- Communicate project expectations.

STAGE 1	Stakeholder Meeting																
	Tyler								City of St. Paul								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power)	Department Heads	End Users	Technical Leads
Create Stakeholder Meeting Presentation	I	A	R	I	I				I	I	C		I				
Review Stakeholder Meeting Presentation		I	C						A		R		C				
Perform Stakeholder Meeting Presentation	I	A	R	I	I				I	I	C	I	I	I	I	I	I

Inputs	Agreement	
	SOW	
	Project Management Plan	
Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Stakeholder Meeting Presentation	

Work package assumptions:

- None

6.1.5 GIS Preparation

GIS data is a core part of many Tyler applications. Other City of St. Paul offices/products may also use this data and have different GIS requirements. A key focus of this preparation will be the process for developing the GIS data for use with Tyler applications. This can be an iterative process, so it is important to begin preparation early.

Objectives:

- Identify all City of St. Paul GIS data sources and formats.
- Tyler to understand the City of St. Paul's GIS needs and practices.
- Ensure the City of St. Paul's GIS data meets Tyler product requirements.

STAGE 1	GIS Preparation																
	Tyler							City of St. Paul									
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Initial GIS Planning Meeting		A	R				C				C						C
Determine all GIS Data Sources			I				I		A		R						C
Provide Source GIS Data			I				I		A		R						C
Review GIS Data and Provide Feedback		A	R				C				I						C

Inputs	GIS Requirements Document
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Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Production Ready Map Data	Meets Tyler GIS Requirements.

Work package assumptions:

- GIS data provided to Tyler is accurate and complete.
- GIS data provided to Tyler is current.
- City of St. Paul is responsible for maintaining the GIS data.

6.1.6 Control Point 1: Initiate & Plan Stage Acceptance

Acceptance criteria for this stage includes completion of all criteria listed below.

Note: Advancement to the Assess & Define stage is not dependent upon Tyler's receipt of this stage acceptance.

Initiate & Plan Stage Deliverables:

- Project Management Plan
- Initial Project Schedule

Initiate & Plan stage acceptance criteria:

- All stage deliverables accepted based on acceptance criteria previously defined
- Project governance defined
- Project portal made available to the City of St. Paul
- Stakeholder meeting complete
- GIS Data Production Ready
- Completed Infrastructure Requirements and Design Document
- System Passes Infrastructure Audit (as applicable)

6.2 Assess & Define

The Assess & Define stage will provide an opportunity to gather information related to current City of St. Paul business processes. This information will be used to identify and define business processes utilized with Tyler software. The City of St. Paul collaborates with Tyler providing complete and accurate information to Tyler staff and assisting in analysis, understanding current workflows and business processes.

6.2.1 Solution Orientation

The Solution Orientation provides the Project stakeholders a high-level understanding of the solution functionality prior to beginning the current and future state analysis. The primary goal is to establish a foundation for upcoming conversations regarding the design and configuration of the solution.

Tyler utilizes a variety of tools for the Solution Orientation, focusing on City of St. Paul team knowledge transfer such as: eLearning, documentation, or walkthroughs. The City of St. Paul team will gain a better understanding of the major processes and focus on data flow, the connection between configuration options and outcome, integration, and terminology that may be unique to Tyler's solution.

Objectives:

- Provide a basic understanding of system functionality.
- Prepare the City of St. Paul for current and future state analysis.

STAGE 2	Solution Orientation																
	Tyler								City of St. Paul								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Provide pre-requisites			A	R							I	I		I	I		I
Complete pre-requisites											A	R		C			C
Conduct orientation			A	R							I	I		I	I		I

Inputs	Solution orientation materials
	Training Plan

6.2.2 Current & Future State Analysis

The Current & Future State Analysis provides the Project stakeholders and Tyler an understanding of process changes that will be achieved with the new system.

The City of St. Paul and Tyler will evaluate current state processes, options within the new software, pros and cons of each based on current or desired state and make decisions about the future state configuration and processing. This may occur before or within the same timeframe as the configuration work package. The options within the new software will be limited to the scope of this implementation and will make use of standard Tyler functionality.

The City of St. Paul will adopt the existing Tyler solution wherever possible to avoid project schedule and quality risk from over customization of Tyler products. It is the City of St. Paul's responsibility to verify that in-scope requirements are being met throughout the implementation if functional requirements are defined as part of the contract. The following guidelines will be followed when evaluating if a modification to the product is required:

- A reasonable business process change is available.
- Functionality exists which satisfies the requirement.
- Configuration of the application satisfies the requirement.
- An in-scope modification satisfies the requirement.

Requirements that are not met will follow the agreed upon change control process and can have impacts on the project schedule, scope, budget, and resource availability.

STAGE 2	Current & Future State Analysis																
	Tyler								City of St. Paul								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Current State process review			A	R	I	I	I				C	C	C	C			C
Discuss future-state options			A	R	C	C	C				C	C	C	C			C
Make future-state decisions (non-COTS)			C	C	C	C	C				A	R	I	C			C
Document anticipated configuration options required to support future state			A	R	C	C	C				I	I	I	I			I

Inputs	City of St. Paul current state documentation
	Solution Orientation completion

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Documentation that describes future-state decisions and configuration options to support future-state decisions.	Delivery of document

Work package assumptions:

- City of St. Paul attendees possess sufficient knowledge and authority to make future state decisions.
- The City of St. Paul is responsible for any documentation of current state business processes.
- The City of St. Paul can effectively communicate current state processes.

6.2.3 Conversion Assessment

Data Conversions are a major effort in any software implementation. Tyler's conversion tools facilitate the predictable, repeatable conversion process that is necessary to support a successful transition to the Tyler system. The first step in this process is to perform an assessment of the existing ("legacy") system(s), to better understand the source data, risks, and options available. Once the data has been analyzed, the plan for data conversion is completed and communicated to the appropriate stakeholders.

Objectives:

- Communicate a common understanding of the project goals with respect to data.

- Ensure complete and accurate source data is available for review/transfer.
- Map the data from the source to the Tyler system.
- Document the data conversion/loading approach.

STAGE 2	Data Conversion Assessment																
	Tyler								City of St. Paul								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power)	Department Heads	End Users	Technical Leads
Extract Data from Source Systems			I		C						A						R
Review and Scrub Source Data			I	I	I						A	R		C			I
Build/Update Data Conversion Plan			R	C	C						C	I	I	I			I

Inputs	City of St. Paul Source data
	City of St. Paul Source data Documentation (if available)

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Data Conversion Plan built/updated	City of St. Paul Acceptance of Data Conversion Plan, if Applicable

Work package assumptions:

- Tyler will be provided with data from the Legacy system(s) in a mutually agreed upon format.
- Tyler will work with the City of St. Paul representatives to identify business rules before writing the conversion.
- City of St. Paul subject matter experts and resources most familiar with the current data will be involved in the data conversion planning effort.

6.2.4 Intentionally left blank.

6.2.5 Intentionally left blank.

6.2.6 Control Point 2: Assess & Define Stage Acceptance

Acceptance criteria for this Stage includes completion of all criteria listed below.

Note: Advancement to the Prepare Solution Stage is dependent upon Tyler's receipt of the Stage Acceptance.

Assess & Define Stage Deliverables:

- Documentation of future state decisions and configuration options to support future state decisions.
- Modification specification document.
- Assess & Define Stage Acceptance Criteria:
 - All stage deliverables accepted based on criteria previously defined.
 - Solution Orientation is delivered.
 - Conversion data extracts are received by Tyler.
 - Data conversion plan built.

6.3 Prepare Solution

During the Prepare Solution stage, information gathered during the Initiate & Plan and Assess & Define stages will be used to install and configure the Tyler software solution. Software configuration will be validated by the City of St. Paul against future state decisions defined in previous stages and processes refined as needed to ensure business requirements are met.

6.3.1 Initial System Deployment

The timely availability of the Tyler Solution is important to a successful Project implementation. The success and timeliness of subsequent work packages are contingent upon the initial system deployment of Tyler Licensed Software on an approved network and infrastructure. Delays in executing this work package can affect the project schedule.

Objectives:

- All licensed software is installed and operational.
- The City of St. Paul can access the software.

STAGE 3	Initial System Deployment (Hosted/SaaS)*																
	Tyler								City of St. Paul								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power Users)	Department Heads	End Users	Technical Leads
Prepare hosted environment			A				R				I						C
Install Licensed Software with Initial Database on Server(s) for Included Environments			A				R				I						C

Install Licensed Software on City of St. Paul Devices (if applicable)			I				C				A						R
Tyler System Administration Training (if applicable)			A				R				I						C

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Licensed Software is Installed on the Server(s)	Software is accessible
	Licensed Software is Installed on City of St. Paul Devices (if applicable)	Software is accessible
	Installation Checklist/System Document	System meets prescribed checklist
	Infrastructure Design Document (C&J – if Applicable)	

Work package assumptions:

- The most current available version of the Tyler Licensed Software will be installed.
- The City of St. Paul will provide network access for Tyler modules, printers, and Internet access to all applicable City of St. Paul and Tyler Project staff.

6.3.2 Configuration

The purpose of Configuration is to prepare the software product for validation.

Tyler staff collaborates with the City of St. Paul to complete software configuration based on the outputs of the future state analysis performed during the Assess and Define Stage. The City of St. Paul collaborates with Tyler staff iteratively to validate software configuration.

Objectives:

- Software is ready for validation.
- Educate the City of St. Paul Power User how to configure and maintain software.
- Prepare standard interfaces for process validation (if applicable).

STAGE 3	Configuration	
	Tyler	City of St. Paul

RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power Users)	Department Heads	End Users	Technical Leads
Conduct configuration training			A	R							I	C		C			
Complete Tyler configuration tasks (where applicable)			A	R							I	I		I			
Complete City of St. Paul configuration tasks (where applicable)			I	C							A	R		C			
Standard interfaces configuration and training (if applicable)			A	R			C				I	C		C			C
Updates to Solution Validation testing plan			C	C							A	R		C			C

Inputs	Documentation that describes future state decisions and configuration options to support future state decisions.
--------	--

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Configured System	

Work package assumptions:

- Tyler provides guidance for configuration options available within the Tyler software. The City of St. Paul is responsible for making decisions when multiple options are available.

6.3.3 Process Refinement

Tyler will educate the City of St. Paul users on how to execute processes in the system to prepare them for the validation of the software. The City of St. Paul collaborates with Tyler staff iteratively to validate software configuration options to support future state.

Objectives:

- Ensure that the City of St. Paul understands future state processes and how to execute the processes in the software.
- Refine each process to meet the business requirements.
- Validate standard interfaces, where applicable.

- Validate forms and reports, where applicable.

STAGE 3	Process Refinement																
	Tyler								City of St. Paul								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power Users)	Department Heads	End Users	Technical Leads
Conduct process training			A	R							I	C	I	C			
Confirm process decisions			I	C						A	R	C	I	C			
Test configuration			I	C							A	R		C			
Refine configuration (City of St. Paul Responsible)			I	C							A	R		C			
Refine configuration (Tyler Responsible)			A	R							I	I		I			
Validate interface process and results			I	C			C				A	R		C			C
Update City of St. Paul-specific process documentation (if applicable)			I	C							A	R		C			
Updates to Solution Validation testing plan			C	C							A	R		C			C

Inputs	Initial Configuration
	Documentation that describes future state decisions and configuration options to support future state decisions.
	Solution validation test plan

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Updated solution validation test plan	

	Completed City of St. Paul-specific process documentation (completed by City of St. Paul)	
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Work package assumptions:

- None

6.3.4 Conversion Delivery

The purpose of this task is to transition the City of St. Paul's data from their source ("legacy") system(s) to the Tyler system(s). The data will need to be mapped from the legacy system into the new Tyler system format. A well-executed data conversion is key to a successful cutover to the new system(s).

With guidance from Tyler, the City of St. Paul will review specific data elements within the system and identify / report discrepancies. Iteratively, Tyler will collaborate with the City of St. Paul to address conversion discrepancies. This process will allow for clean, reconciled data to transfer from the source system(s) to the Tyler system(s). Reference Conversion Appendix for additional detail.



Objectives:

- Data is ready for production (Conversion).

STAGE 3	Data Delivery & Conversion																
	Tyler								City of St. Paul								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power Users)	Department Heads	End Users	Technical Leads

Provide data crosswalks/code mapping tool			A	C	R						I	I		I			
Populate data crosswalks/code mapping tool			I	C	C						A	R		C			
Iterations: Conversion Development			A	C	R						I						I
Iterations: Deliver converted data			A		R			I			I						I
Iterations: Proof/Review data and reconcile to source system			C	C	C						A	R		C			C

Inputs	
	Data Conversion Plan
	Configuration

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Code Mapping Complete / Validated	
	Conversion Iterations / Reviews Complete	Conversion complete, verified, and ready for final pass

Work package assumptions:

- The City of St. Paul will provide a single file layout per source system as identified in the investment summary.
- The City of St. Paul subject matter experts and resources most familiar with the current data will be involved in the data conversion effort.
- The City of St. Paul project team will be responsible for completing the code mapping activity, with assistance from Tyler.

6.3.5 Intentionally left blank.

6.3.6 Intentionally left blank.

6.3.7 Control Point 3: Prepare Solution Stage Acceptance

Acceptance criteria for this Stage includes all criteria listed below in each Work Package.

Note: Advancement to the Production Readiness Stage is dependent upon Tyler's receipt of the Stage Acceptance.

Prepare Solution Stage Deliverables:

- Licensed software is installed.
- Installation checklist/system document.
- Conversion iterations and reviews complete.

Prepare Solution Stage Acceptance Criteria:

- All stage deliverables accepted based on criteria previously defined.
- Software is configured.
- Solution validation test plan has been reviewed and updated if needed.

6.4 Production Readiness

Activities in the Production Readiness stage will prepare the City of St. Paul team for go-live through solution validation, the development of a detailed go-live plan and end user training. A readiness assessment will be conducted with the City of St. Paul to review the status of the project and the organizations readiness for go-live.

6.4.1 Solution Validation

Solution Validation is the end-to-end software testing activity to ensure that the City of St. Paul verifies all aspects of the Project (hardware, configuration, business processes, etc.) are functioning properly, and validates that all features and functions per the contract have been deployed for system use.

Objectives:

- Validate that the solution performs as indicated in the solution validation plan.
- Ensure the City of St. Paul organization is ready to move forward with go-live and training (if applicable).

STAGE 4	Solution Validation																
	Tyler								City of St. Paul								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Update Solution Validation plan			A	R	C						C	C		C			
Update test scripts (as applicable)			C	C	C						A	R		C			
Perform testing			C	C	C						A	R		C			
Document issues from testing			C	C	C						A	R		C			

Perform required follow-up on issues			A	R	C						C	C		C			
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Inputs	Solution Validation plan
	Completed work product from prior stages (configuration, business process, etc.)

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Solution Validation Report	City of St. Paul updates report with testing results

Work package assumptions:

- Designated testing environment has been established.
- Testing includes current phase activities or deliverables only.

6.4.2 Go-Live Readiness

Tyler and the City of St. Paul will ensure that all requirements defined in Project planning have been completed and the Go-Live event can occur, as planned. A go-live readiness assessment will be completed identifying risks or actions items to be addressed to ensure the City of St. Paul has considered its ability to successfully Go-Live. Issues and concerns will be discussed, and mitigation options documented. Tyler and the City of St. Paul will jointly agree to move forward with transition to production. Expectations for final preparation and critical dates for the weeks leading into and during the Go-Live week will be planned in detail and communicated to Project teams.

Objectives:

- Action plan for go-live established.
- Assess go-live readiness.
- Stakeholders informed of go-live activities.

STAGE 4	Go-Live Readiness																
	Tyler								City of St. Paul								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Perform Readiness Assessment	I	A	R	C	C	I	C	I	I	I	I		I				I
Conduct Go-Live planning session		A	R	C							C	C	C	C	C		C

Order peripheral hardware (if applicable)			I							A	R						C
Confirm procedures for Go-Live issue reporting & resolution		A	R	I	I	I	I				C	C	I	I	I	I	I
Develop Go-Live checklist		A	R	C	C						C	C	I	C			C
Final system infrastructure review (where applicable)			A					R			C						C

Inputs	Future state decisions
	Go-live checklist

Outputs / Deliverables	Acceptance Criteria [only] for Deliverables	
	Updated go-live checklist	Updated Action plan and Checklist for go-live delivered to the City of St. Paul

Work package assumptions:

- None

6.4.3 End User Training

End User Training is a critical part of any successful software implementation. Using a training plan previously reviewed and approved, the Project team will organize and initiate the training activities.

Train the Trainer: Tyler provides one occurrence of each scheduled training or implementation topic. City of St. Paul users who attended the Tyler sessions may train additional users. Additional Tyler led sessions may be contracted at the applicable rates for training.

Tyler will provide standard application documentation for the general use of the software. It is not Tyler's responsibility to develop City of St. Paul specific business process documentation. City of St. Paul-led training labs using City of St. Paul specific business process documentation if created by the City of St. Paul can be added to the regular training curriculum, enhancing the training experiences of the end users.

Objectives:

- End users are trained on how to use the software prior to go-live.
- The City of St. Paul is prepared for on-going training and support of the application.

STAGE 4	End User Training	
	Tyler	City of St. Paul

RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power Users)	Department Heads	End Users	Technical Leads
Update training plan		A	R	C							C		I		C		
End User training (Tyler-led)		A	R	C							C	C	I	C	C	C	
Train-the-trainer		A	R	C							C	C	I	C			
End User training (City of St. Paul-led)			C	C							A	R	I	C	C	C	

Inputs	Training Plan
	List of End Users and their Roles / Job Duties
	Configured Tyler System

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	End User Training	City of St. Paul signoff that training was delivered

Work package assumptions:

- The City of St. Paul project team will work with Tyler to jointly develop a training curriculum that identifies the size, makeup, and subject-area of each of the training classes.
- Tyler will work with the City of St. Paul as much as possible to provide end-user training in a manner that minimizes the impact to the daily operations of City of St. Paul departments.
- The City of St. Paul will be responsible for training new users after go-live (exception—previously planned or regular training offerings by Tyler).

6.4.4 Control Point 4: Production Readiness Stage Acceptance

Acceptance criteria for this stage includes all criteria listed below. Advancement to the Production stage is dependent upon Tyler's receipt of the stage acceptance.

Production Readiness stage deliverables:

- Solution Validation Report.
- Update go-live action plan and/or checklist.
- End user training.

Production Readiness stage acceptance criteria:

- All stage deliverables accepted based on criteria previously defined.
- Go-Live planning session conducted.

6.5 Production

Following end user training the production system will be fully enabled and made ready for daily operational use as of the scheduled date. Tyler and the City of St. Paul will follow the comprehensive action plan laid out during Go-Live Readiness to support go-live activities and minimize risk to the Project during go-live. Following go-live, Tyler will work with the City of St. Paul to verify that implementation work is concluded, post go-live activities are scheduled, and the transition to Client Services is complete for long-term operations and maintenance of the Tyler software.

6.5.1 Go-Live

Following the action plan for Go-Live, defined in the Production Readiness stage, the City of St. Paul and Tyler will complete work assigned to prepare for Go-Live.

The City of St. Paul provides final data extract and Reports from the Legacy System for data conversion and Tyler executes final conversion iteration, if applicable. If defined in the action plan, the City of St. Paul manually enters any data added to the Legacy System after final data extract into the Tyler system.

Tyler staff collaborates with the City of St. Paul during Go-Live activities. The City of St. Paul transitions to Tyler software for day-to-day business processing.

Some training topics are better addressed following Go-Live when additional data is available in the system or based on timing of applicable business processes and will be scheduled following Go-Live per the Project Schedule.

Objectives:

- Execute day to day processing in Tyler software.
- City of St. Paul data available in Production environment.

STAGE 5	Go-Live																
	Tyler								City of St. Paul								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Provide final source data extract, if applicable			C		C						A						R
Final source data pushed into production environment, if applicable			A	C	R						I	C		C			C

Proof final converted data, if applicable			C	C	C						A	R		C			
Complete Go-Live activities as defined in the Go-Live action plan			C	C	C					A	R	C	I	C			
Provide Go-Live assistance			A	R	C	C		I			C	C	I	C		I	C

Inputs	Comprehensive Action Plan for Go-Live
	Final source data (if applicable)

Outputs / Deliverables	Acceptance Criteria [only] for Deliverables	
	Data is available in production environment	City of St. Paul confirms data is available in production environment

Work package assumptions:

- The City of St. Paul will complete activities documented in the action plan for Go-Live as scheduled.
- External stakeholders will be available to assist in supporting the interfaces associated with the Go-Live live process.
- The City of St. Paul business processes required for Go-Live are fully documented and tested.
- The City of St. Paul Project team and subject matter experts are the primary point of contact for the end users when reporting issues during Go-Live.
- The City of St. Paul Project Team and Power User's provide business process context to the end users during Go-Live.
- The Tyler Go-Live support team is available to consult with the City of St. Paul teams as necessary.
- The Tyler Go-Live support team provides standard functionality responses, which may not be tailored to the local business processes.

6.5.2 Transition to Client Services

This work package signals the conclusion of implementation activities for the Phase or Project with the exception of agreed-upon post Go-Live activities. The Tyler project manager(s) schedules a formal transition of the City of St. Paul onto the Tyler Client Services team, who provides the City of St. Paul with assistance following Go-Live, officially transitioning the City of St. Paul to operations and maintenance.

Objectives:

- Ensure no critical issues remain for the project teams to resolve.
- Confirm proper knowledge transfer to the City of St. Paul teams for key processes and subject areas.

STAGE 5	Transition to Client Services	
	Tyler	City of St. Paul

RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power Users)	Department Heads	End Users	Technical Leads
Transfer City of St. Paul to Client Services and review issue reporting and resolution processes	I	I	A	I	I			R	I	I	C	C		C			
Review long term maintenance and continuous improvement			A					R			C	C		C			

Inputs	Open item/issues List
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Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Client Services Support Document	

Work package assumptions:

- No material project issues remain without assignment and plan.

6.5.3 Post Go-Live Activities

Some implementation activities are provided post-production due to the timing of business processes, the requirement of actual production data to complete the activities, or the requirement of the system being used in a live production state.

Objectives:

- Schedule activities that are planned for after Go-Live.
- Ensure issues have been resolved or are planned for resolution before phase or project close.

STAGE 5	Post Go-Live Activities	
	Tyler	City of St. Paul

RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power Users)	Department Heads	End Users	Technical Leads
Schedule contracted activities that are planned for delivery after go-live		A	R	C	C	C	C	I			C	C	I	C			C
Determine resolution plan in preparation for phase or project close out		A	R	C	C	C		I			C	C	I	C			

Inputs	List of post Go-Live activities																
Outputs / Deliverables														Acceptance Criteria [only] for Deliverables			
	Updated issues log																

Work package assumptions:

- System is being used in a live production state.

6.5.4 Control Point 5: Production Stage Acceptance

Acceptance criteria for this Stage includes completion of all criteria listed below:

- Advancement to the Close stage is not dependent upon Tyler's receipt of this Stage Acceptance.
- Converted data is available in production environment.

Production Stage Acceptance Criteria:

- All stage deliverables accepted based on criteria previously defined.
- Go-Live activities defined in the Go-Live action plan completed.
- Client services support document is provided.

6.6 Close

The Close stage signifies full implementation of all products purchased and encompassed in the Phase or Project. The City of St. Paul transitions to the next cycle of their relationship with Tyler (next Phase of implementation or long-term relationship with Tyler Client Services).

6.6.1 Phase Closeout

This work package represents Phase completion and signals the conclusion of implementation activities for the Phase. The Tyler Client Services team will assume ongoing support of the City of St. Paul for systems implemented in the Phase.

Objectives:

- Agreement from Tyler and the City of St. Paul teams that activities within this phase are complete.

STAGE 6	Phase Close Out																
	Tyler								City of St. Paul								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Reconcile project budget and status of contract Deliverables	I	A	R						I	I	C						
Hold post phase review meeting		A	R	C	C	C	C				C	C	C	C			C
Release phase-dependent Tyler project resources	A	R	I								I						

Participants	Tyler	City of St. Paul
	Project Leadership	Project Manager
	Project Manager	Project Sponsor(s)
	Implementation Consultants	Functional Leads, Power Users, Technical Leads
	Technical Consultants (Conversion, Deployment, Development)	
	Client Services	

Inputs	Contract
	Statement of Work
	Project artifacts

Outputs / Deliverables	Acceptance Criteria [only] for Deliverables
Final action plan (for outstanding items)	
Reconciliation Report	
Post Phase Review	

Work package assumptions:

- Tyler deliverables for the phase have been completed.

6.6.2 Project Closeout

Completion of this work package signifies final acceptance and formal closing of the Project.

At this time the City of St. Paul may choose to begin working with Client Services to look at continuous improvement Projects, building on the completed solution.

Objectives:

- Confirm no critical issues remain for the project teams to resolve.
- Determine proper knowledge transfer to the City of St. Paul teams for key processes and subject areas has occurred.
- Verify all deliverables included in the Agreement are delivered.

STAGE 6	Project Close Out																
	Tyler								City of St. Paul								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power Users)	Department Heads	End Users	Technical Leads
Conduct post project review		A	R	C	C	C	C				C	C	C	C			C
Deliver post project report to City of St. Paul and Tyler leadership	I	A	R						I	I	C						
Release Tyler project resources	A	R	I								I						

Inputs	Contract
	Statement of Work

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Post Project Report	City of St. Paul acceptance; Completed report indicating all project Deliverables and milestones have been completed

Work package assumptions:

- All project implementation activities have been completed and approved.
- No critical project issues remain that have not been documented and assigned.
- Final project budget has been reconciled and invoiced.
- All Tyler deliverables have been completed.

6.6.3 Control Point 6: Close Stage Acceptance

Acceptance criteria for this Stage includes completion of all criteria listed below.

Close Stage Deliverables:

- Post Project Report.

Close Stage Acceptance Criteria:

- Completed report indicating all Project deliverables and milestones have been completed.

7. General Assumptions

Tyler and the City of St. Paul will use this SOW as a guide for managing the implementation of the Tyler Project as provided and described in the Agreement. There are a few assumptions which, when acknowledged and adhered to, will support a successful implementation. Assumptions related to specific work packages are documented throughout the SOW. Included here are general assumptions which should be considered throughout the overall implementation process.

7.1 Project

- Project activities will begin after the Agreement has been fully executed.
- The City of St. Paul Project Team will complete their necessary assignments in a mutually agreed upon timeframe to meet the scheduled go-live date, as outlined in the Project Schedule.
- Sessions will be scheduled and conducted at a mutually agreeable time.
- Additional services, software modules and modifications not described in the SOW or Agreement will be considered a change to this Project and will require a Change Request Form as previously referenced in the definition of the Change Control Process.
- Tyler will provide a written agenda and notice of any prerequisites to the City of St. Paul project manager(s) ten (10) business days or as otherwise mutually agreed upon time frame prior to any scheduled on-site or remote sessions, as applicable.
- Tyler will provide guidance for configuration and processing options available within the Tyler software. If multiple options are presented by Tyler, the City of St. Paul is responsible for making decisions based on the options available.
- Implementation of new software may require changes to existing processes, both business and technical, requiring the City of St. Paul to make process changes.
- The City of St. Paul is responsible for defining, documenting, and implementing their policies that result from any business process changes.

7.2 Organizational Change Management

Unless otherwise contracted by Tyler, City of St. Paul is responsible for managing Organizational Change. Impacted City of St. Paul resources will need consistent coaching and reassurance from their leadership team to embrace and accept the changes being imposed by the move to new software. An important part of

change is ensuring that impacted City of St. Paul resources understand the value of the change, and why they are being asked to change.

7.3 Resources and Scheduling

- City of St. Paul resources will participate in scheduled activities as assigned in the Project Schedule.
- The City of St. Paul team will complete prerequisites prior to applicable scheduled activities. Failure to do so may affect the schedule.
- Tyler and the City of St. Paul will provide resources to support the efforts to complete the Project as scheduled and within the constraints of the Project budget.
- Abbreviated timelines and overlapped Phases require sufficient resources to complete all required work as scheduled.
- Changes to the Project Schedule, availability of resources or changes in Scope will be requested through a Change Request. Impacts to the triple constraints (scope, budget, and schedule) will be assessed and documented as part of the change control process.
- The City of St. Paul will ensure assigned resources will follow the change control process and possess the required business knowledge to complete their assigned tasks successfully. Should there be a change in resources, the replacement resource should have a comparable level of availability, change control process buy-in, and knowledge.
- The City of St. Paul makes timely Project related decisions to achieve scheduled due dates on tasks and prepare for subsequent training sessions. Failure to do so may affect the schedule, as each analysis and implementation session is dependent on the decisions made in prior sessions.
- The City of St. Paul will respond to information requests in a comprehensive and timely manner, in accordance with the Project Schedule.
- The City of St. Paul will provide adequate meeting space or facilities, including appropriate system connectivity, to the project teams including Tyler team members.
- For on-site visits, Tyler will identify a travel schedule that balances the needs of the project and the employee.

7.4 Data

- Data will be converted as provided and Tyler will not create data that does not exist.
- The City of St. Paul is responsible for the quality of legacy data and for cleaning or scrubbing erroneous legacy data.
- Tyler will work closely with the City of St. Paul representatives to identify business rules before writing the conversion. The City of St. Paul must confirm that all known data mapping from source to target have been identified and documented before Tyler writes the conversion.
- All in-scope source data is in data extract(s).
- Each legacy system data file submitted for conversion includes all associated records in a single approved file layout.
- The City of St. Paul will provide the legacy system data extract in the same format for each iteration unless changes are mutually agreed upon in advance. If not, negative impacts to the schedule, budget and resource availability may occur and/or data in the new system may be incorrect.
- The City of St. Paul Project Team is responsible for reviewing the converted data and reporting issues during each iteration, with assistance from Tyler.
- The City of St. Paul is responsible for providing or entering test data (e.g., data for training, testing interfaces, etc.)

7.5 Facilities

- The City of St. Paul will provide dedicated space for Tyler staff to work with City of St. Paul resources for both on-site and remote sessions. If Phases overlap, City of St. Paul will provide multiple training facilities to allow for independent sessions scheduling without conflict.
- The City of St. Paul will provide staff with a location to practice what they have learned without distraction.

8. Glossary

Word or Term	Definition
Acceptance	Confirming that the output or deliverable is suitable and conforms to the agreed upon criteria.
Accountable	The one who ultimately ensures a task or deliverable is completed; the one who ensures the prerequisites of the task are met and who delegates the work to those responsible. [Also see RACI]
Application	A computer program designed to perform a group of coordinated functions, tasks, or activities for the benefit of the user.
Application Programming Interface (API)	A defined set of tools/methods to pass data to and received data from Tyler software products
Agreement	This executed legal contract that defines the products and services to be implemented or performed.
Business Process	The practices, policy, procedure, guidelines, or functionality that the client uses to complete a specific job function.
Business Requirements Document	A specification document used to describe Client requirements for contracted software modifications.
Change Request	A form used as part of the Change Control process whereby changes in the scope of work, timeline, resources, and/or budget are documented and agreed upon by participating parties.
Change Management	Guides how we prepare, equip and support individuals to successfully adopt change in order to drive organizational success & outcomes
Code Mapping [where applicable]	An activity that occurs during the data conversion process whereby users equate data (field level) values from the old system to the values available in the new system. These may be one to one or many to one. Example: Old System [Field = eye color] [values = BL, Blu, Blue] maps to New Tyler System [Field = Eye Color] [value = Blue].
Consulted	Those whose opinions are sought, typically subject matter experts, and with whom there is two-way communication. [Also see RACI]
Control Point	This activity occurs at the end of each stage and serves as a formal and intentional opportunity to review stage deliverables and required acceptance criteria for the stage have been met.
Data Mapping [where applicable]	The activity determining and documenting where data from the legacy system will be placed in the new system; this typically involves prior data analysis to understand how the data is currently used in the legacy system and how it will be used in the new system.
Deliverable	A verifiable document or service produced as part of the Project, as defined in the work packages.
Go-Live	The point in time when the Client is using the Tyler software to conduct daily operations in Production.
Informed	Those who are kept up-to-date on progress, often only on completion of the task or deliverable, and with whom there is just one-way communication. [Also see RACI]

Infrastructure	The composite hardware, network resources and services required for the existence, operation, and management of the Tyler software.
Interface	A connection to and potential exchange of data with an external system or application. Interfaces may be one way, with data leaving the Tyler system to another system or data entering Tyler from another system, or they may be bi-directional with data both leaving and entering Tyler and another system.
Integration	A standard exchange or sharing of common data within the Tyler system or between Tyler applications
Legacy System	The software from which a client is converting.
Modification	Custom enhancement of Tyler's existing software to provide features or functions to meet individual client requirements documented within the scope of the Agreement.
On-site	Indicates the work location is at one or more of the client's physical office or work environments.
Organizational Change	The process of changing an organization's strategies, processes, procedures, technologies, and culture, as well as the effect of such changes on the organization.
Output	A product, result or service generated by a process.
Peripheral devices	An auxiliary device that connects to and works with the computer in some way. Some examples: scanner, digital camera, printer.
Phase	A portion of the Project in which specific set of related applications are typically implemented. Phases each have an independent start, Go-Live and closure dates but use the same Implementation Plans as other Phases of the Project. Phases may overlap or be sequential and may have different Tyler resources assigned.
Project	The delivery of the software and services per the agreement and the Statement of Work. A Project may be broken down into multiple Phases.
RACI	A matrix describing the level of participation by various roles in completing tasks or Deliverables for a Project or process. Individuals or groups are assigned one and only one of the following roles for a given task: Responsible (R), Accountable (A), Consulted (C), or Informed (I).
Remote	Indicates the work location is at one or more of Tyler's physical offices or work environments.
Responsible	Those who ensure a task is completed, either by themselves or delegating to another resource. [Also see RACI]
Scope	Products and services that are included in the Agreement.

Solution	The implementation of the contracted software product(s) resulting in the connected system allowing users to meet Project goals and gain anticipated efficiencies.
Stage	The top-level components of the WBS. Each Stage is repeated for individual Phases of the Project.
Standard	Software functionality that is included in the base software (off-the-shelf) package; is not customized or modified.
Statement of Work (SOW)	Document which will provide supporting detail to the Agreement defining Project-specific activities, services, and Deliverables.
System	The collective group of software and hardware that is used by the organization to conduct business.
Test Scripts	The steps or sequence of steps that will be used to validate or confirm a piece of functionality, configuration, enhancement, or Use Case Scenario.
Training Plan	Document(s) that indicate how and when users of the system will be trained relevant to their role in the implementation or use of the system.
Validation (or to validate)	The process of testing and approving that a specific Deliverable, process, program, or product is working as expected.
Work Breakdown Structure (WBS)	A hierarchical representation of a Project or Phase broken down into smaller, more manageable components.
Work Package	A group of related tasks within a project.

Part 4: Appendices

9. Conversion

9.1 Data Conversion Process for Enterprise Permitting & Licensing Enterprise Server

9.1.1 Overview

This document is an introduction to the SQL Server EG_Template database and how to populate it. The Full Conversion is the same process, as the Templated. However, with the Full Conversion option, Tyler is responsible for the data import instead of the client.

9.1.2 Modularized Design

As with the Enterprise Permitting & Licensing software, the EG_Template db is sectioned into modules. Each contains one master table at the top of the chain (ex. 'permit' for the Permit module). Within each module, various child tables branch below the master table for the associated module (ex. 'permit_address', 'permit_note', etc.).

Some tables cross multiple modules. The most notable of these involve inspections and payment transactions.

The EG_Template database includes database diagrams, which indicate the tables and their relationships to each module.

9.1.3 Required Fields

In the Enterprise Permitting & Licensing software, some fields are "Required Fields," and the associated columns must be populated for records to be written to the Enterprise Permitting & Licensing db. On occasion, these required fields will not be available in the legacy source data, so a simple default value can be written to the EG_Template db to fulfill any NOT NULL constraint.

Dropdown picklist columns restrict the user from entering certain values in the Enterprise Permitting & Licensing db. Conversely, drop-down fields do not have a restriction on values written to the EG_Template db. Therefore, exact spelling or careful matching to the Enterprise Permitting & Licensing configured values is not a requirement for fields intended for Enterprise Permitting & Licensing drop-down fields. Tyler maps the values through a separate table to translate the values to the appropriate Enterprise Permitting & Licensing value during conversion and collaborates with the City of St. Paul to validate the resulting mappings during the development phase of the conversion.

9.1.4 Custom Fields (any fields not available in the master table for the module in question)

Most legacy systems have some attribute fields that are not specified in the corresponding master table within EG_Template. Tyler refers to these as custom fields. Within each module exists a child table for such custom fields. Since these fields are specific to the legacy system(s), the City of St. Paul may add columns to

these tables in EG_Template to accommodate any needed custom fields in the migration. For example, 'permit_additional_fields' is the table for extra fields relating to the 'permit' records.

9.1.5 Gap Handling (where legacy data does not fit anywhere within EG_Template)

On occasion, legacy systems contain special features for which Enterprise Permitting & Licensing does not account in the EG_Template db. As a result, the need may arise to develop a modified solution to address special cases.

9.1.6 Contacts

Contacts generally fall into two categories:

1. Those managed with each person/company having one contact record, kept up to date over time. With this model, there is generally no duplication of contact records (except when created by mistake).
2. Contacts where the user enters the contact attribute info on each permit, case, license, etc. With this model, there is no single master record representing the contact itself and there is likely considerable duplication of contacts.

Enterprise Permitting & Licensing stores contacts as in category 1 above. Tyler migrates contacts put into EG_Template without a master 'contact' record link (category 2 above) into custom field memo boxes to avoid duplication of contacts within the Enterprise Permitting & Licensing contact repository. For example, when populating the permit contacts, for contacts in category 1, input the record into the 'permit_contact' table. Input contacts for category 2 into the 'permit_contact_no_key' table.

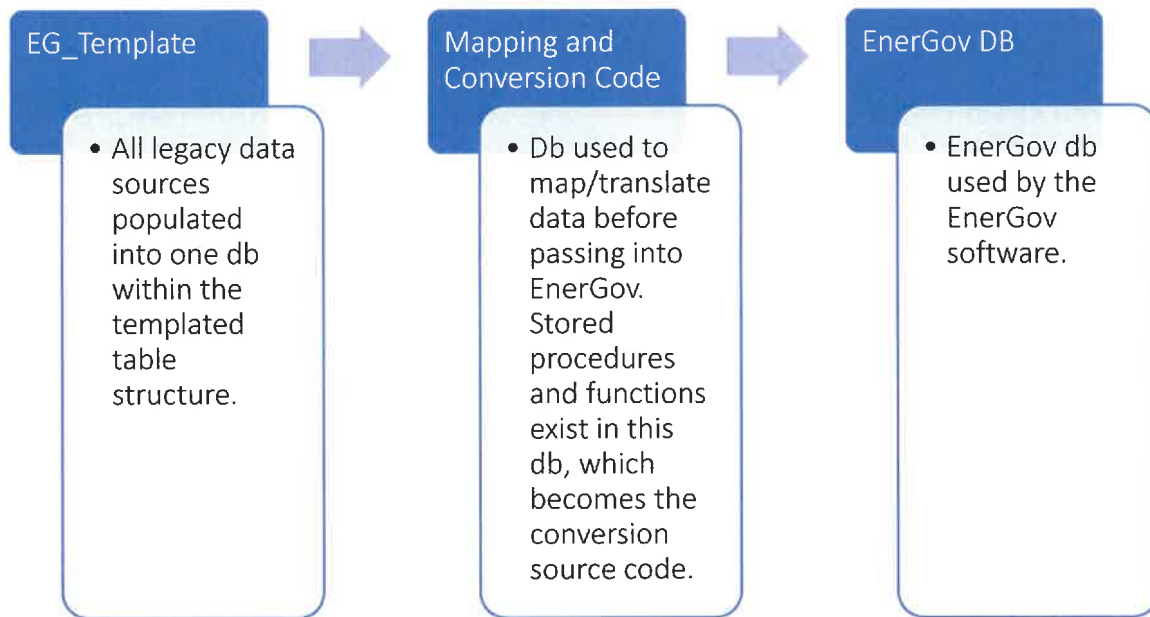
9.1.7 Multiple Legacy Data Sources

When presenting multiple data sources, ensure population of EG_Template for all data sources. At the main table level, an optional column exists for the legacy data source. Tyler provides this column to easily count or research records originating from a particular legacy data source.

9.1.8 Overall Architecture of Conversion

There are 3 SQL Server databases involved in the conversion process.

1. EG_Template (for legacy data)
3. Enterprise Permitting & Licensing (the production Enterprise Permitting & Licensing db)
4. A database containing all conversion processes and mapping tables; maintained by Tyler's data conversion team. This db translates the data from EG_Template into the Enterprise Permitting & Licensing db.



9.1.9 Progression of Conversion Development Process

Step	Step Name	Responsible Party	Notes
1	Provide empty EG_Template database to client	Tyler	Database format will be SQL Server
2	Load legacy data into template database	City of St. Paul	If there are multiple legacy data sources, all should be loaded into the one template SQL database.
3	Mapping process	Tyler /City of St. Paul	Dependent on completed Enterprise Permitting & Licensing configuration Spreadsheets will be used to communicate mapping values. Mapping questions may arise and both parties may need to discuss these until answers are agreed upon.
4	Import-specific configuration changes to Enterprise Permitting & Licensing	Tyler	Certain fields or values may need to exist for imported records only. These usually require some minor Enterprise Permitting & Licensing configuration changes.
5	Customize conversion scripts	Tyler	Minor customization can be expected for many conversions, based on special requests from client. Any special requests would also be added into the conversion scripts at this time.
6	Conversion execution	Tyler	Resulting Enterprise Permitting & Licensing database will be provided to the City of St. Paul
7	Review and either sign-off or request changes	City of St. Paul	City of St. Paul team will review the data and the interaction with it in the Enterprise Permitting & Licensing software. If it meets the client's needs, sign-off will occur. If not, certain steps above may need to be repeated until the City of St. Paul signs off on the conversion.

9.1.10 Progression of Final Conversion Cutover Process (Go-Live)

Step	Step Name	Responsible Party	Notes
1	Load legacy data into template database	Client	This should just be an up-to-date extract of the legacy data into the template db.
2	Conversion execution	Tyler	Resulting Enterprise Permitting & Licensing database will be provided to City of St. Paul team. This will be the production Enterprise Permitting & Licensing db.
3	Go-Live	Tyler /Client	Verification of Enterprise Permitting & Licensing db and site functionality - Data Conversion sign-off Move to production phase

9.1.11 Data Import Areas

9.1.11.1 Business Management

- Business entity (Only for Business Licensing)
- License master basic information
- License Contacts
- Contacts – Unique (keyed) contacts converted to global contacts
- Non-keyed contacts converted to a Memo Custom Field or a standard note Parcel and Addresses
- Reviews and Approvals – Converted to Activity
- Fees
- Bonds and Escrow
- Activities and Actions
- Conditions
- Notes
- Holds
- Initialized Workflows
- Attachments
- Contractors
- Business Types & NAICS codes
- Payment and Fee History

9.1.11.2 Community Development: Code Cases

- Code Case master basic information
- Code Case Contacts and Properties
- Contacts – Unique (keyed) contacts converted to global contacts
- Non-keyed contacts converted to a Memo Custom Field or a standard note
- Parcels and Addresses
- Reviews and Approvals – Converted to Activity Active Fees
- Activities and Actions
- Notes
- Holds
- Initialized Workflows
- Attachments

- Violations
 - Fees
 - Payments
 - Notes
- Meetings and Hearings
- Zones
- Requests
- Payment and Fee history

9.1.11.3 **Community Development: Permits**

- Permit master basic information
- Permit Contacts
- Contacts – Unique (keyed) contacts converted to global contacts
- Non-keyed contacts converted to a Memo Custom Field or a standard note
- Parcels and Addresses
- Reviews and Approvals – Converted to Activity
- Inspections and Inspection Cases
- Sub-Permit Associations – Visible in workflow and attached records section
- Fees
- Meetings and Hearings
- Bonds and Escrow
- Activities and Actions
- Conditions
- Notes
- Zones
- Holds
- Renewals
- Initialized Workflows
- Attachments
- Contractors
- Projects
- Payment and Fee History

9.1.11.4 **Community Development: Plans**

- Plan master basic information
- Plan Contacts
- Contacts – Unique (keyed) contacts converted to global contacts
- Non-keyed contacts converted to a Memo Custom Field or a standard note
- Parcels and Addresses
- Reviews and Approvals – Converted to Activity
- Inspections and Inspection Cases
- Fees
- Meetings and Hearings
- Bonds and Escrow
- Activities and Actions
- Conditions

- Notes
- Zones
- Holds
- Initialized Workflows
- Attachments
- Projects
- Payment and Fee history

10. Additional Appendices

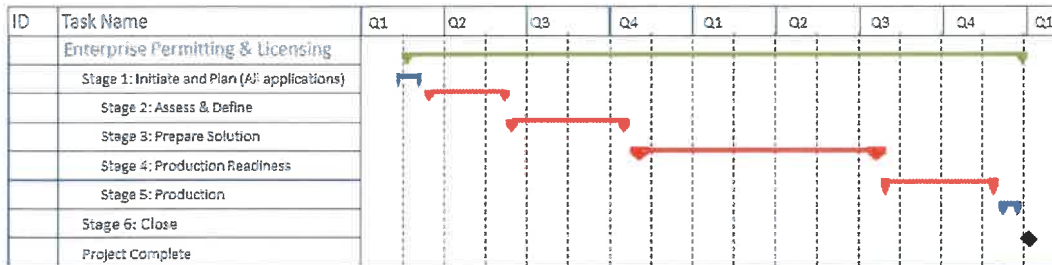
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11. Project Timeline

11.1 Enterprise Permitting & Licensing Timeline



Implementation Schedule: Enterprise Permitting & Licensing



example

This timeline is an example. Please use it as a general guide...ONLY. Its purpose is to demonstrate the order in which various products are typically implemented and the potential overlap of stages for each phase. The exact timing of each deliverable depends on many factors including, but not limited to, the client's ability to commit resources to the project, client blackout dates, and the alignment of client business practices with Tyler implementation methodology. Tyler makes no guarantees that implementation schedules will align with this example.