



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**REQUEST FOR PROPOSALS
FOR
SOFTWARE DEVELOPMENT OF THE
HIGHWAY SAFETY AND IMPROVEMENT PROGRAM
PRE-PROJECT RESEARCH AND EVALUATION PROGRAM TOOL (“HSIP-PREP”)**

RFP # 40100-50925

RFP CONTENTS

SECTIONS:

1. INTRODUCTION
2. RFP SCHEDULE OF EVENTS
3. RESPONSE REQUIREMENTS
4. GENERAL CONTRACTING INFORMATION & REQUIREMENTS
5. EVALUATION & CONTRACT AWARD

ATTACHMENTS:

- 6.1. Response Statement of Certifications & Assurances
- 6.2. Technical Response & Evaluation Guide
- 6.3. Cost Proposal & Scoring Guide
- 6.4. Reference Questionnaire
- 6.5. Score Summary Matrix
- 6.6. *Pro Forma* Contract

1. INTRODUCTION

The State of Tennessee, Department of Transportation, hereinafter referred to as “the State” or “TDOT” issues this Request for Proposals (RFP) to define minimum contract requirements; solicit responses; detail response requirements; and outline the State’s process for evaluating responses and selecting a contractor to provide the needed goods or services.

Through this RFP, the State seeks to procure necessary goods or services at the most favorable, competitive prices and to give ALL qualified respondents, including those that are owned by minorities, women, service-disabled veterans, persons with disabilities and small business enterprises, an opportunity to do business with the state as contractors, subcontractors or suppliers.

We appreciate your participation in this process.

1.1. Statement of Procurement Purpose

The contractor shall configure, develop, and implement a fully functional and integrated State-hosted software solution for the initiation, management and processing of Safety Investigation Packages which shall be known as the Highway Safety Improvement Program – Pre-Project Research and Evaluation Package (“HSIP-PREP”) Tool. The HSIP-PREP tool will automate several tasks currently done manually and create Safety Investigation Packages. HSIP-PREP will help TDOT provide the safety data used to complete reports required to participate in the Federal Highway Administration (“FHWA”) federal-aid program. Federal aid funding from FHWA will help TDOT reduce public roadway fatalities and serious injuries on Tennessee public roadways.

1.2. Scope of Service, Contract Period, & Required Terms and Conditions

The RFP Attachment 6.6., *Pro Forma* Contract details the State’s requirements:

- Scope of Services and Deliverables (Section A);
- Contract Period (Section B);
- Payment Terms (Section C);
- Standard Terms and Conditions (Section D); and,
- Special Terms and Conditions (Section E).

The *pro forma* contract substantially represents the contract document that the successful Respondent must sign.

1.3. Nondiscrimination

No person shall be excluded from participation in, be denied benefits of, or be otherwise subjected to discrimination in the performance of a Contract pursuant to this RFP or in the employment practices of the Contractor on the grounds of handicap or disability, age, race, creed, color, religion, sex, national origin, or any other classification protected by federal, Tennessee state constitutional, or statutory law. The Contractor pursuant to this RFP shall, upon request, show proof of such nondiscrimination and shall post in conspicuous places, available to all employees and applicants, notices of nondiscrimination.

1.4. RFP Communications

1.4.1. The State has assigned the following RFP identification number that must be referenced in all communications regarding this RFP:

RFP # #40100-50925

1.4.2. **Unauthorized contact about this RFP with employees or officials of the State of Tennessee except as detailed below may result in disqualification from consideration under this procurement process.**

- 1.4.2.1. Prospective Respondents must direct communications concerning this RFP to the following person designated as the Solicitation Coordinator:

Stephen Seibert
 Central Procurement Office
 312 Rosa L Parks Ave
 Nashville, TN 37243
 (615) 253-2187
Stephen.Seibert@tn.gov

- 1.4.2.2. Notwithstanding the foregoing, Prospective Respondents may alternatively contact:

- a. staff of the Governor's Office of Diversity Business Enterprise for assistance available to minority-owned, woman-owned, service-disabled veteran-owned, businesses owned by persons with disabilities, and small businesses as well as general, public information relating to this RFP (visit <https://www.tn.gov/general-services/procurement/central-procurement-office--cpo-/governor-s-office-of-diversity-business-enterprise--godbe--/godbe-general-contacts.html> for contact information); and
- b. the following individual designated by the State to coordinate compliance with the nondiscrimination requirements of the State of Tennessee, Title VI of the Civil Rights Act of 1964, the Americans with Disabilities Act of 1990, and associated federal regulations:

Helen Crowley
 Department of General Services
 Central Procurement Office
 William R. Snodgrass TN Tower – 3rd Floor
 Nashville, TN 37243
Helen.Crowley@tn.gov
 (615) 741-3836

- 1.4.3. Only the State's official, written responses and communications with Respondents are binding with regard to this RFP. Oral communications between a State official and one or more Respondents are unofficial and non-binding.
- 1.4.4. Potential Respondents must ensure that the State receives all written questions and comments, including questions and requests for clarification, no later than the Written Questions & Comments Deadline detailed in the RFP Section 2, Schedule of Events.
- 1.4.5. Respondents must assume the risk of the method of dispatching any communication or response to the State. The State assumes no responsibility for delays or delivery failures resulting from the Respondent's method of dispatch. Actual or digital "postmarking" of a communication or response to the State by a specified deadline is not a substitute for the State's actual receipt of a communication or response. It is encouraged for Respondents to submit bids digitally.
- 1.4.6. The State will convey all official responses and communications related to this RFP to the prospective Respondents from whom the State has received a Notice of Intent to Respond (refer to RFP Section 1.8).
- 1.4.7. The State reserves the right to determine, at its sole discretion, the method of conveying official, written responses and communications related to this RFP. Such written communications may

be transmitted by mail, hand-delivery, facsimile, electronic mail, Internet posting, or any other means deemed reasonable by the State. For internet posting, please refer to the following website: <https://www.tn.gov/generalservices/procurement/central-procurement-office--cpo-/supplier-information/request-for-proposals--rfp--opportunities1.html>.

- 1.4.8. The State reserves the right to determine, at its sole discretion, the appropriateness and adequacy of responses to written comments, questions, and requests related to this RFP. The State's official, written responses will constitute an amendment of this RFP.
- 1.4.9. **Factual Data.** Any data or factual information provided by the State (in this RFP, an RFP amendment or any other communication relating to this RFP) is for informational purposes only. The State will make reasonable efforts to ensure the accuracy of such data or information, however it is the Respondent's obligation to independently verify any data or information provided by the State. The State expressly disclaims the accuracy or adequacy of any information or data that it provides to prospective Respondents.

All statistical or fiscal data or information provided by the State in conjunction with this RFP, whether by way of exhibits, amendments or modifications to this RFP, are provided by the State "as is." The State expressly disclaims any warranty as to the accuracy or the adequacy of any statistical or fiscal data that it provides to Respondents. A Respondent's reliance upon the accuracy or adequacy of such data shall not be the basis of relief from contract performance or recovery of actual, consequential or punitive damages from the State.

1.5. **Assistance to Respondents With a Handicap or Disability**

Prospective Respondents with a handicap or disability may receive accommodation relating to the communication of this RFP and participating in the RFP process. Prospective Respondents may contact the Solicitation Coordinator to request such reasonable accommodation no later than the Disability Accommodation Request Deadline detailed in the RFP Section 2, Schedule of Events.

1.6. **Respondent Required Review & Waiver of Objections**

- 1.6.1. Each prospective Respondent must carefully review this RFP, including but not limited to, attachments, the RFP Attachment 6.6., *Pro Forma* Contract, and any amendments, for questions, comments, defects, objections, or any other matter requiring clarification or correction (collectively called "questions and comments").
- 1.6.2. Any prospective Respondent having questions and comments concerning this RFP must provide them in writing to the State no later than the Written Questions & Comments Deadline detailed in the RFP Section 2, Schedule of Events.
- 1.6.3. Protests based on any objection to the RFP shall be considered waived and invalid if the objection has not been brought to the attention of the State, in writing, by the Written Questions & Comments Deadline.

1.7. **Pre-Response Conference**

A Pre-response Conference will be held at the time and date detailed in the RFP Section 2, Schedule of Events. Pre-response Conference attendance is not mandatory, and prospective Respondents may be limited to a maximum number of attendees depending upon overall attendance and space limitations.

The conference will be held at:

Microsoft Teams meeting

Join on your computer, mobile app or room device

[Click here to join the meeting](#)

Meeting ID: 258 224 767 680

Passcode: DrswFv

[Download Teams](#) | [Join on the web](#)

Join with a video conferencing device

stateoftn@m.webex.com

Video Conference ID: 111 150 224 7

[Alternate VTC instructions](#)

Or call in (audio only)

[+1 629-209-4396,,184467101#](#) United States, Nashville

Phone Conference ID: 184 467 101#

[Find a local number](#) | [Reset PIN](#)

[Learn More](#) | [Meeting options](#)

The purpose of the conference is to discuss the RFP scope of goods or services. The State will entertain questions, however prospective Respondents must understand that the State's oral response to any question at the Pre-response Conference shall be unofficial and non-binding. Prospective Respondents must submit all questions, comments, or other concerns regarding the RFP in writing prior to the Written Questions & Comments Deadline date detailed in the RFP Section 2, Schedule of Events. The State will send the official response to these questions and comments to prospective Respondents from whom the State has received a Notice of Intent to respond as indicated in RFP Section 1.8. and on the date detailed in the RFP Section 2, Schedule of Events.

1.8. Notice of Intent to Respond

Before the Notice of Intent to Respond Deadline detailed in the RFP Section 2, Schedule of Events, prospective Respondents should submit to the Solicitation Coordinator a Notice of Intent to Respond (in the form of a simple e-mail or other written communication). Such notice should include the following information:

- the business or individual's name (as appropriate);
- a contact person's name and title; and
- the contact person's mailing address, telephone number, facsimile number, and e-mail address.

A Notice of Intent to Respond creates no obligation and is not a prerequisite for submitting a response, however, it is necessary to ensure receipt of any RFP amendments or other notices and communications relating to this RFP.

1.9. Response Deadline

A Respondent must ensure that the State receives a response no later than the Response Deadline time and date detailed in the RFP Section 2, Schedule of Events. The State will not accept late responses, and a Respondent's failure to submit a response before the deadline will result in disqualification of the response. It is the responsibility of the Respondent to ascertain any additional security requirements with respect to packaging and delivery to the State of Tennessee. Respondents should be mindful of any potential delays due to security screening procedures, weather, or other filing delays whether foreseeable or unforeseeable.

2. RFP SCHEDULE OF EVENTS

2.1. The following RFP Schedule of Events represents the State's best estimate for this RFP.

EVENT	TIME (central time zone)	DATE
1. RFP Issued		May 15, 2023
2. Disability Accommodation Request Deadline	2:00 p.m.	May 18, 2023
3. Pre-response Conference	9:30 a.m.	May 19, 2023
4. Notice of Intent to Respond Deadline	2:00 p.m.	May 22, 2023
5. Written "Questions & Comments" Deadline	2:00 p.m.	May 25, 2023
6. State Response to Written "Questions & Comments"		June 7, 2023
7. Response Deadline	2:00 p.m.	June 16, 2023
8. State Completion of Technical Response Evaluations		July 6, 2023
9. State Opening & Scoring of Cost Proposals	8:00 a.m.	July 7, 2023 – July 14, 2023
10. State Notice of Intent to Award Released <u>and</u> RFP Files Opened for Public Inspection	2:00 p.m.	July 19, 2023
11. End of Open File Period		July 26, 2023
12. State sends contract to Contractor for signature		July 28, 2023
13. Contractor Signature Deadline	2:00 p.m.	August 2, 2023

2.2. **The State reserves the right, at its sole discretion, to adjust the RFP Schedule of Events as it deems necessary.** Any adjustment of the Schedule of Events shall constitute an RFP amendment, and the State will communicate such to prospective Respondents from whom the State has received a Notice of Intent to Respond (refer to section 1.8.).

3. RESPONSE REQUIREMENTS

3.1. Response Form

A response to this RFP must consist of two parts, a Technical Response and a Cost Proposal.

- 3.1.1. **Technical Response.** RFP Attachment 6.2., Technical Response & Evaluation Guide provides the specific requirements for submitting a response. This guide includes mandatory requirement items, general qualifications and experience items, and technical qualifications, experience, and approach items all of which must be addressed with a written response and, in some instances, additional documentation.

NOTICE: A technical response must not include any pricing or cost information. If any pricing or cost information amounts of any type (even pricing relating to other projects) is included in any part of the technical response, the state may deem the response to be non-responsive and reject it.

- 3.1.1.1. A Respondent should duplicate and use the RFP Attachment 6.2., Technical Response & Evaluation Guide to organize, reference, and draft the Technical Response by duplicating the attachment, adding appropriate page numbers as required, and using the guide as a table of contents covering the Technical Response.
- 3.1.1.2. A response should be economically prepared, with emphasis on completeness and clarity. A response, as well as any reference material presented, must be written in English and must be written on standard 8 ½" x 11" pages (although oversize exhibits are permissible) and use a 12 point font for text. All response pages must be numbered.
- 3.1.1.3. All information and documentation included in a Technical Response should correspond to or address a specific requirement detailed in the RFP Attachment 6.2., Technical Response & Evaluation Guide. All information must be incorporated into a response to a specific requirement and clearly referenced. Any information not meeting these criteria will be deemed extraneous and will not contribute to evaluations.
- 3.1.1.4. The State may determine a response to be non-responsive and reject it if:
- a. the Respondent fails to organize and properly reference the Technical Response as required by this RFP and the RFP Attachment 6.2., Technical Response & Evaluation Guide; or
 - b. the Technical Response document does not appropriately respond to, address, or meet all of the requirements and response items detailed in the RFP Attachment 6.2., Technical Response & Evaluation Guide.
- 3.1.2. **Cost Proposal.** A Cost Proposal must be recorded on an exact duplicate of the RFP Attachment 6.3., Cost Proposal & Scoring Guide.

NOTICE: If a Respondent fails to submit a cost proposal exactly as required, the State may deem the response to be non-responsive and reject it.

- 3.1.2.1. A Respondent must only record the proposed cost exactly as required by the RFP Attachment 6.3., Cost Proposal & Scoring Guide and must NOT record any other rates, amounts, or information.

- 3.1.2.2. The proposed cost shall incorporate ALL costs for services under the contract for the total contract period, including any renewals or extensions.
- 3.1.2.3. A Respondent must sign and date the Cost Proposal.
- 3.1.2.4. **Digital Submittal of Responses.** A Respondent must submit the Cost Proposal to the State on a separate e-mail, CD, or USB flash drive from the Technical Response (as detailed in RFP Sections 3.2.3., *et. seq.*).

3.2. Response Delivery

- 3.2.1. A Respondent must ensure that both the original Technical Response and Cost Proposal documents meet all form and content requirements, including all required signatures, as detailed within this RFP, as may be amended.
- 3.2.2. A Respondent must submit their response as specified in one of the two formats below:

- a. Digital Media Submission

- i. Technical Response

The Technical Response document should be in the form of one (1) digital document in "PDF" format properly recorded on its own otherwise blank USB flash drive and should be clearly identified as the:

"RFP #40100-50925 TECHNICAL RESPONSE ORIGINAL"

and one (1) digital copies of the Technical Response each in the form of one (1) digital document in "PDF" format properly recorded on its own otherwise blank USB flash drive clearly labeled:

"RFP # 40100-50925 TECHNICAL RESPONSE COPY"

The customer references should be delivered by each reference in accordance with RFP Attachment 6.4. Reference Questionnaire.

- ii. Cost Proposal:

The Cost Proposal should be in the form of one (1) digital document in "XLS" format properly recorded on a separate, otherwise blank USB flash drive clearly labeled:

"RFP #40100-50925 COST PROPOSAL"

An electronic or facsimile signature, as applicable, on the Cost Proposal is acceptable.

- b. E-mail Submission

- i. Technical Response

The Technical Response document should be in the form of one (1) digital document in "PDF" format or other easily accessible digital format attached to an e-mail to the Solicitation Coordinator. Both the subject and file name should be clearly identified as follows:

"RFP #40100-50925 TECHNICAL RESPONSE"

The customer references should be delivered by each reference in accordance with RFP Attachment 6.4. Reference Questionnaire.

ii. Cost Proposal:

The Cost Proposal should be in the form of one (1) digital document in “XLS” format or other easily accessible digital format attached to an e-mail to the Solicitation Coordinator. Both the subject and file name should be clearly identified as follows:

“RFP #40100-50925 COST PROPOSAL”

An electronic or facsimile signature, as applicable, on the Cost Proposal is acceptable.

- 3.2.3. For e-mail submissions, the Technical Response and Cost Proposal documents must be dispatched to the Solicitation Coordinator in separate e-mail messages. For digital media submissions, a Respondent must separate, seal, package, and label the documents and copies for delivery as follows:
- 3.2.3.1. The Technical Response and copies must be placed in a sealed package that is clearly labeled:
- “DO NOT OPEN... RFP # 40100-50925 TECHNICAL RESPONSE FROM [RESPONDENT LEGAL ENTITY NAME]”**
- 3.2.3.2. The Cost Proposal must be placed in a separate, sealed package that is clearly labeled:
- “DO NOT OPEN... RFP # 40100-50925 COST PROPOSAL FROM [RESPONDENT LEGAL ENTITY NAME]”**
- 3.2.3.3. The separately, sealed Technical Response and Cost Proposal components may be enclosed in a larger package for mailing or delivery, provided that the outermost package is clearly labeled:
- “RFP # 40100-50925 SEALED TECHNICAL RESPONSE & SEALED COST PROPOSAL FROM [RESPONDENT LEGAL ENTITY NAME]”**
- 3.2.3.4. Any Respondent wishing to submit a Response in a format other than digital may do so by contacting the Solicitation Coordinator.
- 3.2.4. A Respondent must ensure that the State receives a response no later than the Response Deadline time and date detailed in the RFP Section 2, Schedule of Events at the following address:

Stephen Seibert
 Central Procurement Office
 312 Rosa L Parks Ave
 Nashville, TN 37243
 (615) 253-2187
 Stephen.Seibert@tn.gov

3.3. **Response & Respondent Prohibitions**

- 3.3.1. A response must not include alternate contract terms and conditions. If a response contains such terms and conditions, the State, at its sole discretion, may determine the response to be a non-responsive counteroffer and reject it.
- 3.3.2. A response must not restrict the rights of the State or otherwise qualify either the offer to deliver goods or provide services as required by this RFP or the Cost Proposal. If a response restricts the rights of the State or otherwise qualifies either the offer to deliver goods or provide services as required by this RFP or the Cost Proposal, the State, at its sole discretion, may determine the response to be a non-responsive counteroffer and reject it.
- 3.3.3. A response must not propose alternative goods or services (*i.e.*, offer services different from those requested and required by this RFP) unless expressly requested in this RFP. The State may consider a response of alternative goods or services to be non-responsive and reject it.
- 3.3.4. A Cost Proposal must be prepared and arrived at independently and must not involve any collusion between Respondents. The State will reject any Cost Proposal that involves collusion, consultation, communication, or agreement between Respondents. Regardless of the time of detection, the State will consider any such actions to be grounds for response rejection or contract termination.
- 3.3.5. A Respondent must not provide, for consideration in this RFP process or subsequent contract negotiations, any information that the Respondent knew or should have known was materially incorrect. If the State determines that a Respondent has provided such incorrect information, the State will deem the Response non-responsive and reject it.
- 3.3.6. A Respondent must not submit more than one Technical Response and one Cost Proposal in response to this RFP, except as expressly requested by the State in this RFP. If a Respondent submits more than one Technical Response or more than one Cost Proposal, the State will deem all of the responses non-responsive and reject them.
- 3.3.7. A Respondent must not submit a response as a prime contractor while also permitting one or more other Respondents to offer the Respondent as a subcontractor in their own responses. Such may result in the disqualification of all Respondents knowingly involved. This restriction does not, however, prohibit different Respondents from offering the same subcontractor as a part of their responses (provided that the subcontractor does not also submit a response as a prime contractor).
- 3.3.8. The State shall not consider a response from an individual who is, or within the past six (6) months has been, a State employee. For purposes of this RFP:
- 3.3.8.1. An individual shall be deemed a State employee until such time as all compensation for salary, termination pay, and annual leave has been paid;
- 3.3.8.2. A contract with or a response from a company, corporation, or any other contracting entity in which a controlling interest is held by any State employee shall be considered to be a contract with or proposal from the employee; and
- 3.3.8.3. A contract with or a response from a company, corporation, or any other contracting entity that employs an individual who is, or within the past six (6) months has been, a State employee shall not be considered a contract with or a proposal from the employee and shall not constitute a prohibited conflict of interest.
- 3.3.9. This RFP is also subject to Tenn. Code Ann. § 12-4-101—105.

3.4. **Response Errors & Revisions**

A Respondent is responsible for any and all response errors or omissions. A Respondent will not be

allowed to alter or revise response documents after the Response Deadline time and date detailed in the RFP Section 2, Schedule of Events unless such is formally requested, in writing, by the State.

3.5. **Response Withdrawal**

A Respondent may withdraw a submitted response at any time before the Response Deadline time and date detailed in the RFP Section 2, Schedule of Events by submitting a written request signed by an authorized Respondent representative. After withdrawing a response, a Respondent may submit another response at any time before the Response Deadline. After the Response Deadline, a Respondent may only withdraw all or a portion of a response where the enforcement of the response would impose an unconscionable hardship on the Respondent.

3.6. **Additional Services**

If a response offers goods or services in addition to those required by and described in this RFP, the State, at its sole discretion, may add such services to the contract awarded as a result of this RFP. Notwithstanding the foregoing, a Respondent must not propose any additional cost amounts or rates for additional goods or services. Regardless of any additional services offered in a response, the Respondent's Cost Proposal must only record the proposed cost as required in this RFP and must not record any other rates, amounts, or information.

NOTICE: If a Respondent fails to submit a Cost Proposal exactly as required, the State may deem the response non-responsive and reject it.

3.7. **Response Preparation Costs**

The State will not pay any costs associated with the preparation, submittal, or presentation of any response.

4. GENERAL CONTRACTING INFORMATION & REQUIREMENTS

4.1. RFP Amendment

The State at its sole discretion may amend this RFP, in writing, at any time prior to contract award. However, prior to any such amendment, the State will consider whether it would negatively impact the ability of potential Respondents to meet the response deadline and revise the RFP Schedule of Events if deemed appropriate. If an RFP amendment is issued, the State will convey it to potential Respondents who submitted a Notice of Intent to Respond (refer to RFP Section 1.8.). A response must address the final RFP (including its attachments) as amended.

4.2. RFP Cancellation

The State reserves the right, at its sole discretion, to cancel the RFP or to cancel and reissue this RFP in accordance with applicable laws and regulations.

4.3. State Right of Rejection

4.3.1. Subject to applicable laws and regulations, the State reserves the right to reject, at its sole discretion, any and all responses.

4.3.2. The State may deem as non-responsive and reject any response that does not comply with all terms, conditions, and performance requirements of this RFP. Notwithstanding the foregoing, the State reserves the right to waive, at its sole discretion, minor variances from full compliance with this RFP. If the State waives variances in a response, such waiver shall not modify the RFP requirements or excuse the Respondent from full compliance, and the State may hold any resulting Contractor to strict compliance with this RFP.

4.4. Assignment & Subcontracting

4.4.1. The Contractor may not subcontract, transfer, or assign any portion of the Contract awarded as a result of this RFP without prior approval of the State. The State reserves the right to refuse approval, at its sole discretion, of any subcontract, transfer, or assignment.

4.4.2. If a Respondent intends to use subcontractors, the response to this RFP must specifically identify the scope and portions of the work each subcontractor will perform (refer to RFP Attachment 6.2., Section B, General Qualifications & Experience Item B.14.).

4.4.3. Subcontractors identified within a response to this RFP will be deemed as approved by the State unless the State expressly disapproves one or more of the proposed subcontractors prior to signing the Contract.

4.4.4. After contract award, a Contractor may only substitute an approved subcontractor at the discretion of the State and with the State's prior, written approval.

4.4.5. Notwithstanding any State approval relating to subcontracts, the Respondent who is awarded a contract pursuant to this RFP will be the prime contractor and will be responsible for all work under the Contract.

4.5. Right to Refuse Personnel or Subcontractors

The State reserves the right to refuse, at its sole discretion and notwithstanding any prior approval, any personnel of the prime contractor or a subcontractor providing goods or services in the performance of a contract resulting from this RFP. The State will document in writing the reason(s) for any rejection of personnel.

4.6. Insurance

The State will require the awarded Contractor to provide a Certificate of Insurance issued by an insurance company licensed or authorized to provide insurance in the State of Tennessee. Each Certificate of Insurance shall indicate current insurance coverages meeting minimum requirements as may be specified by this RFP. A failure to provide a current, Certificate of Insurance will be considered a material breach and grounds for contract termination.

4.7. Professional Licensure and Department of Revenue Registration

- 4.7.1. All persons, agencies, firms, or other entities that provide legal or financial opinions, which a Respondent provides for consideration and evaluation by the State as a part of a response to this RFP, shall be properly licensed to render such opinions.
- 4.7.2. Before the Contract resulting from this RFP is signed, the apparent successful Respondent (and Respondent employees and subcontractors, as applicable) must hold all necessary or appropriate business or professional licenses to provide the goods or services as required by the contract. The State may require any Respondent to submit evidence of proper licensure.
- 4.7.3. Before the Contract resulting from this RFP is signed, the apparent successful Respondent must be registered with the Tennessee Department of Revenue for the collection of Tennessee sales and use tax. The State shall not award a contract unless the Respondent provides proof of such registration or provides documentation from the Department of Revenue that the Contractor is exempt from this registration requirement. The foregoing is a mandatory requirement of an award of a contract pursuant to this solicitation. To register, please visit the Department of Revenue's Tennessee Taxpayer Access Point (TNTAP) website for Online Registration and the Vendor Contract Questionnaire. These resources are available at the following:
<https://tntap.tn.gov/eservices/#1>

4.8. Disclosure of Response Contents

- 4.8.1. All materials submitted to the State in response to this RFP shall become the property of the State of Tennessee. Selection or rejection of a response does not affect this right. By submitting a response, a Respondent acknowledges and accepts that the full response contents and associated documents will become open to public inspection in accordance with the laws of the State of Tennessee.
- 4.8.2. The State will hold all response information, including both technical and cost information, in confidence during the evaluation process.
- 4.8.3. Upon completion of response evaluations, indicated by public release of a Notice of Intent to Award, the responses and associated materials will be open for review by the public in accordance with Tenn. Code Ann. § 10-7-504(a)(7).

4.9. Contract Approval and Contract Payments

- 4.9.1. After contract award, the Contractor who is awarded the contract must submit appropriate documentation with the Department of Finance and Administration, Division of Accounts.
- 4.9.2. This RFP and its contractor selection processes do not obligate the State and do not create rights, interests, or claims of entitlement in either the Respondent with the apparent best-evaluated response or any other Respondent. State obligations pursuant to a contract award shall commence only after the Contract is signed by the State agency head and the Contractor and after the Contract is approved by all other state officials as required by applicable laws and regulations.
- 4.9.3. No payment will be obligated or made until the relevant Contract is approved as required by applicable statutes and rules of the State of Tennessee.

- 4.9.3.1. The State shall not be liable for payment of any type associated with the Contract resulting from this RFP (or any amendment thereof) or responsible for any goods delivered or services rendered by the Contractor, even goods delivered or services rendered in good faith and even if the Contractor is orally directed to proceed with the delivery of goods or the rendering of services, if it occurs before the Contract Effective Date or after the Contract Term.
- 4.9.3.2. All payments relating to this procurement will be made in accordance with the Payment Terms and Conditions of the Contract resulting from this RFP (refer to RFP Attachment 6.6., *Pro Forma* Contract, Section C).
- 4.9.3.3. If any provision of the Contract provides direct funding or reimbursement for the competitive purchase of goods or services as a component of contract performance or otherwise provides for the reimbursement of specified, actual costs, the State will employ all reasonable means and will require all such documentation that it deems necessary to ensure that such purchases were competitive and costs were reasonable, necessary, and actual. The Contractor shall provide reasonable assistance and access related to such review. Further, the State shall not remit, as funding or reimbursement pursuant to such provisions, any amounts that it determines do not represent reasonable, necessary, and actual costs.

4.10. **Contractor Performance**

The Contractor who is awarded a contract will be responsible for the delivery of all acceptable goods or the satisfactory completion of all services set out in this RFP (including attachments) as may be amended. All goods or services are subject to inspection and evaluation by the State. The State will employ all reasonable means to ensure that goods delivered or services rendered are in compliance with the Contract, and the Contractor must cooperate with such efforts.

4.11. **Contract Amendment**

After Contract award, the State may request the Contractor to deliver additional goods or perform additional services within the general scope of the Contract and this RFP, but beyond the specified Scope, and for which the Contractor may be compensated. In such instances, the State will provide the Contractor a written description of the additional goods or services. The Contractor must respond to the State with a time schedule for delivering the additional goods or accomplishing the additional services based on the compensable units included in the Contractor's response to this RFP. If the State and the Contractor reach an agreement regarding the goods or services and associated compensation, such agreement must be effected by means of a contract amendment. Further, any such amendment requiring additional goods or services must be signed by both the State agency head and the Contractor and must be approved by other state officials as required by applicable statutes, rules, policies and procedures of the State of Tennessee. The Contractor must not provide additional goods or render additional services until the State has issued a written contract amendment with all required approvals.

Notwithstanding the above, *pro forma* Contract section A.20. provides for limited service "change orders" without a formal Contract Amendment upon the documented mutual agreement by the Parties.

4.12. **Severability**

If any provision of this RFP is declared by a court to be illegal or in conflict with any law, said decision will not affect the validity of the remaining RFP terms and provisions, and the rights and obligations of the State and Respondents will be construed and enforced as if the RFP did not contain the particular provision held to be invalid.

4.13. **Next Ranked Respondent**

The State reserves the right to initiate negotiations with the next ranked Respondent should the State cease doing business with any Respondent selected via this RFP process.

5. EVALUATION & CONTRACT AWARD

5.1. Evaluation Categories & Maximum Points

The State will consider qualifications, experience, technical approach, and cost in the evaluation of responses and award points in each of the categories detailed below (up to the maximum evaluation points indicated) to each response deemed by the State to be responsive.

EVALUATION CATEGORY	MAXIMUM POINTS POSSIBLE
General Qualifications & Experience (refer to RFP Attachment 6.2., Section B)	10
Technical Qualifications, Experience & Approach (refer to RFP Attachment 6.2., Section C)	60
Cost Proposal (refer to RFP Attachment 6.3.)	30

5.2. Evaluation Process

The evaluation process is designed to award the contract resulting from this RFP not necessarily to the Respondent offering the lowest cost, but rather to the Respondent deemed by the State to be responsive and responsible who offers the best combination of attributes based upon the evaluation criteria. (“Responsive Respondent” is defined as a Respondent that has submitted a response that conforms in all material respects to the RFP. “Responsible Respondent” is defined as a Respondent that has the capacity in all respects to perform fully the contract requirements, and the integrity and reliability which will assure good faith performance.)

5.2.1. **Technical Response Evaluation.** The Solicitation Coordinator and the Proposal Evaluation Team (consisting of three (3) or more State employees) will use the RFP Attachment 6.2., Technical Response & Evaluation Guide to manage the Technical Response Evaluation and maintain evaluation records.

5.2.1.1. The State reserves the right, at its sole discretion, to request Respondent clarification of a Technical Response or to conduct clarification discussions with any or all Respondents. Any such clarification or discussion will be limited to specific sections of the response identified by the State. The subject Respondent must put any resulting clarification in writing as may be required and in accordance with any deadline imposed by the State.

5.2.1.2. The Solicitation Coordinator will review each Technical Response to determine compliance with RFP Attachment 6.2., Technical Response & Evaluation Guide, Section A— Mandatory Requirements. If the Solicitation Coordinator determines that a response failed to meet one or more of the mandatory requirements, the Proposal Evaluation Team will review the response and document the team’s determination of whether:

- a. the response adequately meets RFP requirements for further evaluation;
- b. the State will request clarifications or corrections for consideration prior to further evaluation; or,
- c. the State will determine the response to be non-responsive to the RFP and reject it.

5.2.1.3. Proposal Evaluation Team members will independently evaluate each Technical Response (that is responsive to the RFP) against the evaluation criteria in this RFP,

and will score each in accordance with the RFP Attachment 6.2., Technical Response & Evaluation Guide.

- 5.2.1.4. For each response evaluated, the Solicitation Coordinator will calculate the average of the Proposal Evaluation Team member scores for RFP Attachment 6.2., Technical Response & Evaluation Guide, and record each average as the response score for the respective Technical Response section.
- 5.2.1.5. Before Cost Proposals are opened, the Proposal Evaluation Team will review the Technical Response Evaluation record and any other available information pertinent to whether or not each Respondent is responsive and responsible. If the Proposal Evaluation Team identifies any Respondent that does not meet the responsive and responsible thresholds such that the team would not recommend the Respondent for Cost Proposal Evaluation and potential contract award, the team members will fully document the determination.
- 5.2.2. **Cost Proposal Evaluation.** The Solicitation Coordinator will open for evaluation the Cost Proposal of each Respondent deemed by the State to be responsive and responsible and calculate and record each Cost Proposal score in accordance with the RFP Attachment 6.3., Cost Proposal & Scoring Guide.
- 5.2.3. **Clarifications and Negotiations:** The State reserves the right to award a contract on the basis of initial responses received, therefore, each response shall contain the Respondent's best terms and conditions from a technical and cost standpoint. The State reserves the right to conduct clarifications or negotiations with one or more Respondents. All communications, clarifications, and negotiations shall be conducted in a manner that supports fairness in response improvement.
- 5.2.3.1. **Clarifications:** The State may identify areas of a response that may require further clarification or areas in which it is apparent that there may have been miscommunications or misunderstandings as to the State's specifications or requirements. The State may seek to clarify those issues identified during one or multiple clarification rounds. Each clarification sought by the State may be unique to an individual Respondent, provided that the process is conducted in a manner that supports fairness in response improvement.
- 5.2.3.2. **Negotiations:** The State may elect to negotiate with one or more Respondents by requesting revised responses, negotiating costs, or finalizing contract terms and conditions. The State reserves the right to conduct multiple negotiation rounds or no negotiations at all.
- 5.2.3.3. **Cost Negotiations:** All Respondents, selected for negotiation by the State, will be given equivalent information with respect to cost negotiations. All cost negotiations will be documented for the procurement file. Additionally, the State may conduct target pricing and other goods or services level negotiations. Target pricing may be based on considerations such as current pricing, market considerations, benchmarks, budget availability, or other methods that do not reveal individual Respondent pricing. During target price negotiations, Respondents are not obligated to reduce their pricing to target prices, but no Respondent is allowed to increase prices.
- 5.2.3.4. If the State determines that it is unable to successfully negotiate terms and conditions of a contract with the apparent best evaluated Respondent, the State reserves the right to bypass the apparent best evaluated Respondent and enter into terms and conditions contract negotiations with the next apparent best evaluated Respondent.

- 5.2.4. **Total Response Score.** The Solicitation Coordinator will calculate the sum of the Technical Response section scores and the Cost Proposal score and record the resulting number as the total score for the subject Response (refer to RFP Attachment 6.5., Score Summary Matrix).

5.3. Contract Award Process

- 5.3.1 The Solicitation Coordinator will submit the Proposal Evaluation Team determinations and scores to the head of the procuring agency for consideration along with any other relevant information that might be available and pertinent to contract award.
- 5.3.2. The procuring agency head will determine the apparent best-evaluated Response. To effect a contract award to a Respondent other than the one receiving the highest evaluation process score, the head of the procuring agency must provide written justification and obtain the written approval of the Chief Procurement Officer and the Comptroller of the Treasury.
- 5.3.3. The State will issue a Notice of Intent to Award identifying the apparent best-evaluated response and make the RFP files available for public inspection at the time and date specified in the RFP Section 2, Schedule of Events.

NOTICE: The Notice of Intent to Award shall not create rights, interests, or claims of entitlement in either the apparent best-evaluated Respondent or any other Respondent.

- 5.3.4. The Respondent identified as offering the apparent best-evaluated response must sign a contract drawn by the State pursuant to this RFP. The Contract shall be substantially the same as the RFP Attachment 6.6., *Pro Forma* Contract. The Respondent must sign the contract by the Contractor Signature Deadline detailed in the RFP Section 2, Schedule of Events. If the Respondent fails to provide the signed Contract by this deadline, the State may determine that the Respondent is non-responsive to this RFP and reject the response.
- 5.3.5. Notwithstanding the foregoing, the State may, at its sole discretion, entertain limited terms and conditions or pricing negotiations prior to Contract signing and, as a result, revise the *pro forma* contract terms and conditions or performance requirements in the State's best interests, **PROVIDED THAT** such revision of terms and conditions or performance requirements shall NOT materially affect the basis of response evaluations or negatively impact the competitive nature of the RFP and contractor selection process.
- 5.3.6. If the State determines that a response is non-responsive and rejects it after opening Cost Proposals, the Solicitation Coordinator will re-calculate scores for each remaining responsive Cost Proposal to determine (or re-determine) the apparent best-evaluated response.

RFP ATTACHMENT 6.1.**RFP # 40100-50925 STATEMENT OF CERTIFICATIONS AND ASSURANCES**

The Respondent must sign and complete the Statement of Certifications and Assurances below as required, and it must be included in the Technical Response (as required by RFP Attachment 6.2., Technical Response & Evaluation Guide, Section A, Item A.1.).

The Respondent does, hereby, expressly affirm, declare, confirm, certify, and assure ALL of the following:

1. The Respondent will comply with all of the provisions and requirements of the RFP.
2. The Respondent will provide all services as defined in the Scope of the RFP Attachment 6.6., *Pro Forma* Contract for the total Contract Term.
3. The Respondent, except as otherwise provided in this RFP, accepts and agrees to all terms and conditions set out in the RFP Attachment 6.6., *Pro Forma* Contract.
4. The Respondent acknowledges and agrees that a contract resulting from the RFP shall incorporate, by reference, all proposal responses as a part of the Contract.
5. The Respondent will comply with:
 - (a) the laws of the State of Tennessee;
 - (b) Title VI of the federal Civil Rights Act of 1964;
 - (c) Title IX of the federal Education Amendments Act of 1972;
 - (d) the Equal Employment Opportunity Act and the regulations issued there under by the federal government; and,
 - (e) the Americans with Disabilities Act of 1990 and the regulations issued there under by the federal government.
6. To the knowledge of the undersigned, the information detailed within the response submitted to this RFP is accurate.
7. The response submitted to this RFP was independently prepared, without collusion, under penalty of perjury.
8. No amount shall be paid directly or indirectly to an employee or official of the State of Tennessee as wages, compensation, or gifts in exchange for acting as an officer, agent, employee, subcontractor, or consultant to the Respondent in connection with this RFP or any resulting contract.
9. Both the Technical Response and the Cost Proposal submitted in response to this RFP shall remain valid for at least 120 days subsequent to the date of the Cost Proposal opening and thereafter in accordance with any contract pursuant to the RFP.
10. The Respondent affirms the following statement, as required by the Iran Divestment Act Tenn. Code Ann. § 12-12-111: "By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to §12-12-106." For reference purposes, the list is currently available online at: <https://www.tn.gov/generalservices/procurement/central-procurement-office--cpo-/library-/public-information-library.html>.

By signing this Statement of Certifications and Assurances, below, the signatory also certifies legal authority to bind the proposing entity to the provisions of this RFP and any contract awarded pursuant to it. If the signatory is not the Respondent (if an individual) or the Respondent's company *President* or *Chief Executive Officer*, this document must attach evidence showing the individual's authority to bind the Respondent.

DO NOT SIGN THIS DOCUMENT IF YOU ARE NOT LEGALLY AUTHORIZED TO BIND THE RESPONDENT**SIGNATURE:**

PRINTED NAME & TITLE:

DATE:

**RESPONDENT LEGAL ENTITY
NAME:**

RFP ATTACHMENT 6.2. — Section A

TECHNICAL RESPONSE & EVALUATION GUIDE

SECTION A: MANDATORY REQUIREMENTS. The Respondent must address all items detailed below and provide, in sequence, the information and documentation as required (referenced with the associated item references). The Respondent must also detail the response page number for each item in the appropriate space below.

The Solicitation Coordinator will review the response to determine if the Mandatory Requirement Items are addressed as required and mark each with pass or fail. For each item that is not addressed as required, the Proposal Evaluation Team must review the response and attach a written determination. In addition to the Mandatory Requirement Items, the Solicitation Coordinator will review each response for compliance with all RFP requirements.

RESPONDENT LEGAL ENTITY NAME:			
Response Page # (Respondent completes)	Item Ref.	Section A— Mandatory Requirement Items	Pass/Fail
		The Response must be delivered to the State no later than the Response Deadline specified in the RFP Section 2, Schedule of Events.	
		The Technical Response and the Cost Proposal documentation must be packaged separately as required (refer to RFP Section 3.2., <i>et. seq.</i>).	
		The Technical Response must NOT contain cost or pricing information of any type.	
		The Technical Response must NOT contain any restrictions of the rights of the State or other qualification of the response.	
		A Respondent must NOT submit alternate responses (refer to RFP Section 3.3.).	
		A Respondent must NOT submit multiple responses in different forms (as a prime and a subcontractor) (refer to RFP Section 3.3.).	
	A.1.	Provide the Statement of Certifications and Assurances (RFP Attachment 6.1.) completed and signed by an individual empowered to bind the Respondent to the provisions of this RFP and any resulting contract. The document must be signed without exception or qualification.	
	A.2.	Provide a statement, based upon reasonable inquiry, of whether the Respondent or any individual who shall cause to deliver goods or perform services under the contract has a possible conflict of interest (<i>e.g.</i> , employment by the State of Tennessee) and, if so, the nature of that conflict. NOTE: Any questions of conflict of interest shall be solely within the discretion of the State, and the State reserves the right to cancel any award.	
	A.3.	Provide a current bank reference indicating that Respondent business relationship with the financial institution is in positive standing. Such reference must be written in the form of a standard business letter, signed, and dated within the past three (3) months.	
	A.4.	Provide a valid, Certificate of Insurance that is verified and dated within the last six (6) months and which details <u>all</u> of the following: (a) Name of the Insurance Company (b) Respondent's Name and Address as the Insured	

RESPONDENT LEGAL ENTITY NAME:			
Response Page # (Respondent completes)	Item Ref.	Section A— Mandatory Requirement Items	Pass/Fail
		(c) Policy Number (d) The following minimum insurance coverages: (i) Workers' Compensation/ Employers' Liability with a limit not less than the relevant statutory amount or one million dollars (\$1,000,000) per occurrence for employers' liability; (ii) Comprehensive Commercial General Liability (including personal injury and property damage, premises/operations, independent contractor, contractual liability and completed operations/products) with a bodily injury/property damage combined single limit not less than one million dollars (\$1,000,000) per occurrence and one million dollars (\$1,000,000) aggregate; (iii) Automobile Coverage (including owned, leased, hired, and non-owned vehicles) with a bodily injury/property damage combined single limit not less than one million dollars (\$1,000,000) per occurrence; and (iv) Technology professional liability (errors & omissions)/cyber liability insurance appropriate to the Contractor's profession in an amount not less than ten million dollars (\$10,000,000) per occurrence or claim and ten million dollars (\$10,000,000) annual aggregate, covering all acts, claims, errors, omissions, negligence, infringement of intellectual property. (v) Crime Insurance policy shall have a limit not less than one million dollars (\$1,000,000) per claim and one million dollars (\$1,000,000) in the aggregate. Any crime insurance policy shall contain a Social Engineering Fraud Endorsement with a limit of not less than two hundred and fifty thousand dollars (\$250,000). (e) The following information applicable to each type of insurance coverage: (i) Coverage Description, (ii) Exceptions and Exclusions, (iii) Policy Effective Date, (iv) Policy Expiration Date, and (v) Limit(s) of Liability.	
	A.5.	Can Respondent meet the security requirements named in this RFP, including performing all work in the United States? Please enter the page number(s) in the left column of this table where this is discussed in the response to the corresponding question(s) in Section C below.	
<p><i>State Use – Solicitation Coordinator Signature, Printed Name & Date:</i></p>			

RFP ATTACHMENT 6.2. — SECTION B

TECHNICAL RESPONSE & EVALUATION GUIDE

SECTION B: GENERAL QUALIFICATIONS & EXPERIENCE. The Respondent must address all items detailed below and provide, in sequence, the information and documentation as required (referenced with the associated item references). The Respondent must also detail the response page number for each item in the appropriate space below. Proposal Evaluation Team members will independently evaluate and assign one score for all responses to Section B— General Qualifications & Experience Items.

RESPONDENT LEGAL ENTITY NAME:		
Response Page # (Respondent completes)	Item Ref.	Section B— General Qualifications & Experience Items
	B.1.	Detail the name, e-mail address, mailing address, telephone number, and facsimile number of the person the State should contact regarding the response.
	B.2.	Describe the Respondent's form of business (<i>i.e.</i> , individual, sole proprietor, corporation, non-profit corporation, partnership, limited liability company) and business location (physical location or domicile).
	B.3.	Detail the number of years the Respondent has been in business.
	B.4.	Briefly describe how long the Respondent has been providing the goods or services required by this RFP.
	B.5.	Describe the Respondent's number of employees, client base, and location of offices.
	B.6.	Provide a statement of whether there have been any mergers, acquisitions, or change of control of the Respondent within the last ten (10) years. If so, include an explanation providing relevant details.
	B.7.	Provide a statement of whether the Respondent or, to the Respondent's knowledge, any of the Respondent's employees, agents, independent contractors, or subcontractors, involved in the delivery of goods or performance of services on a contract pursuant to this RFP, have been convicted of, pled guilty to, or pled <i>nolo contendere</i> to any felony. If so, include an explanation providing relevant details.
	B.8.	Provide a statement of whether, in the last ten (10) years, the Respondent has filed (or had filed against it) any bankruptcy or insolvency proceeding, whether voluntary or involuntary, or undergone the appointment of a receiver, trustee, or assignee for the benefit of creditors. If so, include an explanation providing relevant details.
	B.9.	Provide a statement of whether there is any material, pending litigation against the Respondent that the Respondent should reasonably believe could adversely affect its ability to meet contract requirements pursuant to this RFP or is likely to have a material adverse effect on the Respondent's financial condition. If such exists, list each separately, explain the relevant details, and attach the opinion of counsel addressing whether and to what extent it would impair the Respondent's performance in a contract pursuant to this RFP. NOTE: All persons, agencies, firms, or other entities that provide legal opinions regarding the Respondent must be properly licensed to render such opinions. The State may require the Respondent to submit proof of license for each person or entity that renders such opinions.
	B.10.	Provide a statement of whether there are any pending or in progress Securities Exchange Commission investigations involving the Respondent. If such exists, list each separately, explain the relevant details, and attach the opinion of counsel addressing whether and to what extent it will impair the Respondent's performance in a contract pursuant to this RFP.

RFP ATTACHMENT 6.2. — SECTION B (continued)

RESPONDENT LEGAL ENTITY NAME:		
Response Page # (Respondent completes)	Item Ref.	Section B— General Qualifications & Experience Items
		NOTE: All persons, agencies, firms, or other entities that provide legal opinions regarding the Respondent must be properly licensed to render such opinions. The State may require the Respondent to submit proof of license for each person or entity that renders such opinions.
	B.11.	Provide a brief, descriptive statement detailing evidence of the Respondent's ability to deliver the goods or services sought under this RFP (e.g., prior experience, training, certifications, resources, program and quality management systems, etc.).
	B.12.	Provide a narrative description of the proposed project team, its members, and organizational structure along with an organizational chart identifying the key people who will be assigned to deliver the goods or services required by this RFP.
	B.13.	Provide a personnel roster listing the names of key people who the Respondent will assign to meet the Respondent's requirements under this RFP along with the estimated number of hours that each individual will devote to that performance. Follow the personnel roster with a resume for each of the people listed. The resumes must detail the individual's title, education, current position with the Respondent, and employment history.
	B.14.	Provide a statement of whether the Respondent intends to use subcontractors to meet the Respondent's requirements of any contract awarded pursuant to this RFP, and if so, detail: <ul style="list-style-type: none"> (a) the names of the subcontractors along with the contact person, mailing address, telephone number, and e-mail address for each; (b) a description of the scope and portions of the goods each subcontractor involved in the delivery of goods or performance of the services each subcontractor will perform; <u>and</u> (c) a statement specifying that each proposed subcontractor has expressly assented to being proposed as a subcontractor in the Respondent's response to this RFP.
	B.15.	Provide documentation of the Respondent's commitment to diversity as represented by the following: <ul style="list-style-type: none"> (a) <u>Business Strategy</u>. Provide a description of the Respondent's existing programs and procedures designed to encourage and foster commerce with business enterprises owned by minorities, women, service-disabled veterans, persons with disabilities, and small business enterprises. Please also include a list of the Respondent's certifications as a diversity business, if applicable. (b) <u>Business Relationships</u>. Provide a listing of the Respondent's current contracts with business enterprises owned by minorities, women, service-disabled veterans, persons with disabilities, and small business enterprises. Please include the following information: <ul style="list-style-type: none"> (i) contract description; (ii) contractor name and ownership characteristics (i.e., ethnicity, gender, service-disabled veteran-owned or persons with disabilities); (iii) contractor contact name and telephone number. (c) <u>Estimated Participation</u>. Provide an estimated level of participation by business enterprises owned by minorities, women, service-disabled veterans, persons with disabilities and small business enterprises if a contract is awarded to the Respondent pursuant to this RFP. Please include the following information: <ul style="list-style-type: none"> (i) a percentage (%) indicating the participation estimate. (Express the estimated participation number as a percentage of the total estimated contract value that will be dedicated to business with subcontractors and supply contractors having such ownership characteristics only and DO NOT INCLUDE DOLLAR AMOUNTS); (ii) anticipated goods or services contract descriptions; (iii) names and ownership characteristics (i.e., ethnicity, gender, service-disabled veterans, or disability) of anticipated subcontractors and supply contractors.

RFP ATTACHMENT 6.2. — SECTION B (continued)

RESPONDENT LEGAL ENTITY NAME:		
Response Page # (Respondent completes)	Item Ref.	Section B— General Qualifications & Experience Items
		<p>NOTE: In order to claim status as a Diversity Business Enterprise under this contract, businesses must be certified by the Governor’s Office of Diversity Business Enterprise (Go-DBE). Please visit the Go-DBE website at https://tn.diversitysoftware.com/FrontEnd/StartCertification.asp?TN=tn&XID=9810 for more information.</p> <p>(d) <u>Workforce</u>. Provide the percentage of the Respondent’s total current employees by ethnicity and gender.</p> <p>NOTE: Respondents that demonstrate a commitment to diversity will advance State efforts to expand opportunity to do business with the State as contractors and subcontractors. Response evaluations will recognize the positive qualifications and experience of a Respondent that does business with enterprises owned by minorities, women, service-disabled veterans, persons with disabilities, and small business enterprises and who offer a diverse workforce.</p>
	B.16.	<p>Provide a statement of whether or not the Respondent has any current contracts with the State of Tennessee or has completed any contracts with the State of Tennessee within the previous five (5) year period. If so, provide the following information for all of the current and completed contracts:</p> <p>(a) the name, title, telephone number and e-mail address of the State contact knowledgeable about the contract;</p> <p>(b) the procuring State agency name;</p> <p>(c) a brief description of the contract’s scope of services;</p> <p>(d) the contract period; and</p> <p>(e) the contract number.</p>
	B.17.	<p>Provide a statement and any relevant details addressing whether the Respondent is any of the following:</p> <p>a. is presently debarred, suspended, proposed for debarment, or voluntarily excluded from covered transactions by any federal or state department or agency;</p> <p>b. has within the past three (3) years, been convicted of, or had a civil judgment rendered against the contracting party from commission of fraud, or a criminal offence in connection with obtaining, attempting to obtain, or performing a public (federal, state, or local) transaction or grant under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;</p> <p>c. is presently indicted or otherwise criminally or civilly charged by a government entity (federal, state, or local) with commission of any of the offenses detailed above; and</p> <p>d. has within a three (3) year period preceding the contract had one or more public transactions (federal, state, or local) terminated for cause or default.</p>
		<p>SCORE (for <u>all</u> Section B—Qualifications & Experience Items above): (maximum possible score = 10)</p>
<p>State Use – Evaluator Identification:</p>		

RFP ATTACHMENT 6.2. — SECTION C

TECHNICAL RESPONSE & EVALUATION GUIDE

SECTION C: TECHNICAL QUALIFICATIONS, EXPERIENCE & APPROACH. The Respondent must address all items (below) and provide, in sequence, the information and documentation as required (referenced with the associated item references). The Respondent must also detail the response page number for each item in the appropriate space below.

A Proposal Evaluation Team, made up of three or more State employees, will independently evaluate and score the response to each item. Each evaluator will use the following whole number, raw point scale for scoring each item:

0 = little value 1 = poor 2 = fair 3 = satisfactory 4 = good 5 = excellent

The Solicitation Coordinator will multiply the Item Score by the associated Evaluation Factor (indicating the relative emphasis of the item in the overall evaluation). The resulting product will be the item's Raw Weighted Score for purposes of calculating the section score as indicated.

RESPONDENT LEGAL ENTITY NAME:					
Response Page # (Respondent completes)	Item Ref.	Section C— Technical Qualifications, Experience & Approach Items	Item Score	Evaluation Factor	Raw Weighted Score
	C.1.	Provide a narrative that illustrates the Respondent's understanding of the State's requirements and project schedule.		10	
	C.2.	Provide a narrative that illustrates how the Respondent will complete the scope of services, accomplish required objectives, and the respondent's timeline to complete the project.		7	
	C.3.	Provide a narrative that illustrates how the Respondent will manage the project, ensure completion of the scope of services, and accomplish required objectives within the State's project schedule.		10	
	C.4.	Provide a narrative which demonstrates the Respondent has the right technology expertise to complete this project? Please explain team structure in the response.		8	
	C.5.	Provide a brief description of Respondent experience providing a similar scope of development services for a software product. Has the Respondent developed and implemented a software system for other state Departments of Transportation (DOT) or government entities? If so, please provide the reference information listed below: <ul style="list-style-type: none"> a. Name of State/Region: b. Years of service provided to the client: c. Contact person in each State/Region who is familiar with the product: 		10	
	C.6.	Provide a narrative that describes how the Respondent will meet the security requirements named in the Specifications, including performing all work in the United States.		10	

RESPONDENT LEGAL ENTITY NAME:					
Response Page # (Respondent completes)	Item Ref.	Section C— Technical Qualifications, Experience & Approach Items	Item Score	Evaluation Factor	Raw Weighted Score
	C.7.	Please describe Respondent’s approach to working with state government clients and Respondent’s process to understand the needs and goals of the state business team for whom the Respondent is developing software.		8	
	C.8.	Provide a narrative describing Respondent’s design and development process.		6	
	C.9.	As part of the development process, will Respondent recommend additional ideas if it is possible to make the software better than the initial specifications named in this RFP? If so, please explain.		10	
	C.10.	Please describe Respondent’s communication process during development.		8	
	C.11.	Will the State have access to repositories and development tools, such as those named below, to monitor progress of the project? i. Source code (Gitlab, Github) ii. Project management tool/boards (JIRA, Trello, Asana, etc.) iii. Burndown charts to monitor progress on user stories iv. Communication tools (Slack, Rocket.Chat, or similar) v. Staging and production environments? If so, please explain.		3	
	C.12.	Please describe what Respondent see as the State’s role in this project.		8	
	C.13.	Please describe the resources Respondent will need from the State to complete the project, if any.		8	
	C.14.	Provide a narrative that describes the testing procedures Respondent will include with development. If applicable, include a description of automated testing to ensure the software works properly.		10	
	C.15.	Provide a narrative describing what kind of long-term support Respondent offers for custom-developed software similar to the software sought in this RFP.		5	
<i>The Solicitation Coordinator will use this sum and the formula below to calculate the section score. All calculations will use and result in numbers rounded to two (2) places to the right of the decimal point.</i>					Total Raw Weighted Score: <i>(sum of Raw Weighted Scores above)</i>
Total Raw Weighted Score					= SCORE:
Maximum Possible Raw Weighted Score <i>(i.e., 5 x the sum of item weights above)</i>		X 60 <i>(maximum possible score)</i>			

RESPONDENT LEGAL ENTITY NAME:					
Response Page # (Respondent completes)	Item Ref.	Section C— Technical Qualifications, Experience & Approach Items	Item Score	Evaluation Factor	Raw Weighted Score
<i>State Use – Evaluator Identification:</i>					
<i>State Use – Solicitation Coordinator Signature, Printed Name & Date:</i>					

RFP ATTACHMENT 6.3.

COST PROPOSAL & SCORING GUIDE

NOTICE: THIS COST PROPOSAL MUST BE COMPLETED EXACTLY AS REQUIRED

COST PROPOSAL SCHEDULE— The Cost Proposal, detailed below, shall indicate the proposed price for goods or services defined in the Scope of Services of the RFP Attachment 6.6., *Pro Forma* Contract and for the entire contract period. The Cost Proposal shall remain valid for at least one hundred twenty (120) days subsequent to the date of the Cost Proposal opening and thereafter in accordance with any contract resulting from this RFP. All monetary amounts shall be in U.S. currency and limited to two (2) places to the right of the decimal point.

NOTICE: The Evaluation Factor associated with each cost item is for evaluation purposes only. The evaluation factors do NOT and should NOT be construed as any type of volume guarantee or minimum purchase quantity. The evaluation factors shall NOT create rights, interests, or claims of entitlement in the Respondent.

Notwithstanding the cost items herein, pursuant to the second paragraph of the *Pro Forma* Contract section C.1. (refer to RFP Attachment 6.6.), "The State is under no obligation to request work from the Contractor in any specific dollar amounts or to request any work at all from the Contractor during any period of this Contract."

This Cost Proposal must be signed, in the space below, by an individual empowered to bind the Respondent to the provisions of this RFP and any contract awarded pursuant to it. If said individual is not the *President* or *Chief Executive Officer*, this document must attach evidence showing the individual's authority to legally bind the Respondent.

See Excel Spread Sheet "RFP Attachment 6.3 Cost Model".

REFERENCE QUESTIONNAIRE

The standard reference questionnaire provided on the following pages of this attachment should be completed by all individuals offering a reference for the Respondent.

The Respondent will be solely responsible for obtaining completed reference questionnaires as detailed below. Provide references from individuals who are not current State employees of the procuring State Agency for projects similar to the goods or services sought under this RFP and which represent:

- two (2) contracts Respondent currently services that are similar in size and scope to the services required by this RFP; and
- three (3) completed contracts that are similar in size and scope to the services required by this RFP.

References from at least three (3) different individuals are required to satisfy the requirements above, e.g., an individual may provide a reference about a completed project and another reference about a currently serviced account. The individual contact reference provided for each contract or project shall not be a current State employee of the procuring State agency. Procuring State agencies that accept references from another State agency shall document, in writing, a plan to ensure that no contact is made between the procuring State agency and a referring State agency. The standard reference questionnaire should be used and completed and is provided on the next page of this RFP Attachment 6.4.

In order to obtain and submit the completed reference questionnaires following one of the two processes below.

Written:

- (a) Add the Respondent's name to the standard reference questionnaire at RFP Attachment 6.4. and make a copy for each reference.
- (b) Send a reference questionnaire and new, standard #10 envelope to each reference.
- (c) Instruct the reference to:
 - (i) complete the reference questionnaire;
 - (ii) sign and date the completed reference questionnaire;
 - (iii) seal the completed, signed, and dated reference questionnaire within the envelope provided;
 - (iv) sign his or her name in ink across the sealed portion of the envelope; and
 - (v) return the sealed envelope directly to the Respondent (the Respondent may wish to give each reference a deadline, such that the Respondent will be able to collect all required references in time to include them within the sealed Technical Response).
- (d) Do NOT open the sealed references upon receipt.
- (e) Enclose all sealed reference envelopes within a larger, labeled envelope for inclusion in the Technical Response as required.

Email:

- (a) Add the Respondent's name to the standard reference questionnaire at RFP Attachment 6.4. and make a copy for each reference.
- (b) E-mail a reference questionnaire to each reference.
- (c) Instruct the reference to:
 - (i) complete the reference questionnaire;
 - (ii) sign and date the completed reference questionnaire;
 - (iii) E-mail the reference directly to the Solicitation Coordinator by the RFP Technical Response Deadline with the Subject line of the e-mail as "[Respondent's Name] Reference for RFP # 40100-50925".

NOTES:

- a) The State will not accept late references or references submitted by any means other than the two which are described above, and each reference questionnaire submitted must be completed as required.
- b) The State will not review more than the number of required references indicated above.

- c) While the State will base its reference check on the contents of the reference e-mails or sealed reference envelopes included in the Technical Response package, the State reserves the right to confirm and clarify information detailed in the completed reference questionnaires, and may consider clarification responses in the evaluation of references.
- d) The State is under no obligation to clarify any reference information.

RFP ATTACHMENT 6.5.

SCORE SUMMARY MATRIX

	<i>RESPONDENT NAME</i>		<i>RESPONDENT NAME</i>		<i>RESPONDENT NAME</i>	
GENERAL QUALIFICATIONS & EXPERIENCE (maximum: 10)						
<i>EVALUATOR NAME</i>						
<i>EVALUATOR NAME</i>						
<i>REPEAT AS NECESSARY</i>						
	AVERAGE:		AVERAGE:		AVERAGE:	
TECHNICAL QUALIFICATIONS, EXPERIENCE & APPROACH (maximum: 60)						
<i>EVALUATOR NAME</i>						
<i>EVALUATOR NAME</i>						
<i>REPEAT AS NECESSARY</i>						
	AVERAGE:		AVERAGE:		AVERAGE:	
COST PROPOSAL (maximum: 30)	SCORE:		SCORE:		SCORE:	
TOTAL RESPONSE EVALUATION SCORE: (maximum: 100)						
<i>Solicitation Coordinator Signature, Printed Name & Date:</i>						

RFP # 40100-50925 *PRO FORMA* CONTRACT

The *Pro Forma* Contract detailed in following pages of this exhibit contains some “blanks” (signified by descriptions in capital letters) that will be completed with appropriate information in the final contract resulting from the RFP.

CONTRACT
BETWEEN THE STATE OF TENNESSEE,
DEPARTMENT OF TRANSPORTATION
AND
CONTRACTOR NAME

This Contract, by and between the State of Tennessee, Department of Transportation (“State” or “TDOT”) and **Contractor Legal Entity Name** (“Contractor”), is for the provision of Software Development of the Highway Safety Improvement Program Pre-Project Research and Evaluation Package (“HSIP-PREP”) Tool, as further defined in the "SCOPE." State and Contractor may be referred to individually as a “Party” or collectively as the “Parties” to this Contract.

The Contractor is **a/an Individual, For-Profit Corporation, Non-Profit Corporation, Special Purpose Corporation Or Association, Partnership, Joint Venture, Or Limited Liability Company.**

Contractor Place of Incorporation or Organization: **Location**

Contractor Edison Registration ID # **Number**

A. SCOPE:

A.1 The Contractor shall provide all goods or services and deliverables as required, described, and detailed below and shall meet all service and delivery timelines as specified by this Contract.

A.2 **Definitions.** For purposes of this Contract, definitions shall be as follows and as set forth in the Contract:

- a. Application Programming Interface (“API”): A set of subroutine definitions, protocols, and tools for building software. In general terms, it is a set of clearly defined methods of communication between various components.
- b. Crash: An event that produces injury and/or property damage, involves a motor vehicle in transport, and occurs on a roadway or while the vehicle is still in motion after running off a roadway.
- c. Highway Safety Improvement Program (“HSIP”): A Federal Highway Administration (“FHWA”) federal-aid program with the purpose of achieving a significant reduction in traffic fatalities and serious injuries on all public roadways
- d. HSIP Safety Project: A roadway improvement project which meets HSIP federal aid requirements.
- e. Intersection: An area that contains a crossing or connection of two (2) or more roadways not classified as driveway access and within the prolongation of the lateral curb lines. If no curb exists, it is the area within the extension of the lateral boundary lines of the roadway of two joined traffic ways.
- f. PIN Number: A unique identifier for an existing HSIP Safety Project maintained within the State’s Program, Project & Resource Management (“PPRM”) system or other State-designated database.
- g. : Program, Project & Resource Management (PPRM): TDOT system for planning, scheduling, and managing project resources.
- h. Single Route Segment: A roadway location comprised of a single contiguous roadway segment that is all part of the same route as specified in the “Route” Data field within the State’s TRIMS or other State-designated database.

- i. Strategic Highway Safety Plan (“SHSP”): A data-driven, comprehensive, multidisciplinary plan that establishes statewide performance goals, objectives, and emphasis areas that describe program strategies to reduce or eliminate safety hazards on State roadways.
- j. Safety Investigation: The process undertaken to investigate safety problems and calculate motor vehicle crash rates for a specified roadway location over a specific time period. Safety Investigations are used to determine the qualification for funding of a safety project at the location.
- k. System Error: System Error shall mean a reproducible and documented error in the HSIP-PREP software operating in a production environment.
- l. User: A person authorized by the State to utilize the HSIP-PREP system.

A.3. Program Requirements. Contractor shall provide a fully functional and integrated State-hosted software solution for the initiation, management, and processing of Safety Investigations and Safety Investigation Packages. Attachment C contains a description of Deliverables. This software solution shall be referred to as the Highway Safety Improvement Program – Pre-Project Research and Evaluation Package (“HSIP-PREP”) Tool and shall include the following core functionality:

- a. Initiate Safety Investigation. Provide the capability for a User to initiate a Safety Investigation by entering a roadway location (either a road segment or intersection) and viewing all existing/overlapping Safety Investigations and PPRM projects (including HSIP safety projects)
- b. Create Safety Investigations or Open Existing. Provide the capability to open existing Safety Investigations for the location or to create a new Safety Investigation at the specified location.
- c. Safety Investigation Package. Provide the capability to upload documents for a Safety Investigation, generate and download a “package” in PDF format.
- d. Associate Projects with Safety Investigations. Provide the capability to associate HSIP projects from PPRM with a Safety Investigation.
- e. Search for Safety Investigations. Provide the capability to search for Safety Investigations by location, keywords (tags), project type, and other key data maintained in the HSIP-PREP system, and export this data as needed.

A.4. HSIP-PREP User Roles. HSIP-PREP shall include the following User roles. User capabilities for each User role shall be reviewed and approved in writing by the State:

- a. System Administrator. A System Administrator is a person authorized by the State to perform user account administrative functions such as adding and changing users within HSIP-PREP, and other administrative functions as appropriate for the HSIP-PREP solution.
- b. Regular User. A Regular User shall have the capability to initiate, view and modify Safety Investigation packages within HSIP-PREP. A Regular User shall have the capability to upload, enter or modify Data in authorized fields as determined by the State, upload and download documents, and perform other Data management functions as appropriate for the HSIP-PREP solution.
- c. Read-Only User. A read-only User shall be limited to viewing HSIP-PREP data and restricted from uploading, entering or modifying data.

A.5. Create Safety Investigation. HSIP-PREP shall provide the capability for an authorized User to create a Safety Investigation. The following inputs shall be required for a Safety Investigation:

1. Safety Investigation Source:
 - a. Users will be required to enter a Safety Investigation location. This location may be an individual road segment or a specific intersection. Once the location has been specified, the system will search for existing Safety Investigations and projects (from PPRM) at the location. Users may initiate a new Safety Investigation or edit an existing Safety Investigation.
 - b. If a new Safety Investigation has been requested by a User, the required source inputs shall include the requestor's name and contact information [i.e., email address and phone number(s)]. HSIP-PREP shall also provide a method to input the requestor's State division, if applicable.
 - c. If the source of the Safety Investigation is an existing HSIP Safety Project maintained within the State's PPRM system or other State designated database, HSIP-PREP shall require that the User input the PIN Number for the HSIP Safety Project, or the system will prepopulate the PIN Number from an existing PPRM project.
 - d. HSIP-PREP shall utilize a State-Created Application Program Interface ("API") with PPRM or other State designated database to validate the Pin Number. HSIP-PREP shall not allow an invalid Pin Number.
2. Safety Investigation Request Date. The date the Safety Investigation was requested.
3. Safety Investigation Purpose. Users shall be required to enter a description of the purpose of the Safety Investigation. The purpose may include, but is not limited to the following examples:
 - a. Data gathering and analyses in response to a request from a State division that performs roadway maintenance, utility upgrades or maintenance, etc.
 - b. Data gathering and analyses to generate a response to a request from a college, university, or other organization in support of a research project
4. Roadway Location of Safety Investigation. The roadway location for a Safety Investigation shall be identified as one (1) of the following:
 - a. Single Route Segment. When a roadway location is a Single Route Segment, HSIP-PREP shall require that the User input the roadway identifying characteristics for the Single Route Segment, which shall include the equivalent of the Data maintained by the State's ESRI Roads and Highways Route Network. The application will support the new 15-char Route ID Number and dual-direction routes (positive and negative direction).
 - b. HSIP-PREP shall utilize an API with the State's TRIMS or other State designated database to validate each of the roadway identifying characteristics and prevent an invalid Data field input. See Attachment B for a description of each of these Data fields:
 - i. County
 - ii. Route
 - iii. Supplemental Code
 - iv. County Sequence
 - v. Direction
 - vi. Ramp ID (00000 for non-ramps)
 - vii. Begin Logmile
 - viii. End Logmile
 - c. Intersection. When a roadway location is an Intersection, HSIP-PREP shall require the User input the roadway identifying characteristics for a route, which shall include the equivalent of the Data maintained by the State's ESRI Roads and Highways Route

Network. The application will support the new 15-char Route ID Number and dual-direction routes (positive and negative direction). HSIP-PREP shall not allow an invalid Data field input.

- d. The system will query for all intersecting routes along the specified main route. Each intersection will be displayed, allowing users to select the specific intersection for the Safety Investigation location. Once the specific intersection location is selected, a logmile will be associated with the location. See Attachment B for a description of each of these Data fields:

- i. County
- ii. Route
- iii. Supplemental Code
- iv. County Sequence
- v. Direction
- vi. Ramp ID (00000 for non-ramps)

A.6. **Data processing.** After the user has completed all required inputs specified above, **HSIP-PREP** shall perform the following processes based on those inputs:

- a. When a Single Route Segment has been identified for a Safety Investigation, HSIP-PREP shall calculate and display the length of the Single Route Segment, calculated by subtracting the "Begin Logmile" Data field value from the "End Logmile" Data field value for the Single Route Segment.
- b. HSIP-PREP shall utilize an API to query the State's PPRM or other State designated database to identify all previously completed, current and planned projects for any portion of the roadway location. HSIP-PREP shall display PPRM data for each Project.
- c. If necessary, HSIP-PREP shall utilize a process to convert the ESRI Route ID and Measure(s) to the original TRIMS Route ID and Log Mile(s) prior to requesting data from PPRM.
- d. HSIP-PREP shall track the User that created the Safety Investigation, and the date the Safety Investigation was created.
- e. HSIP-PREP shall ensure that each Safety Investigation is identified by a unique Safety Investigation tracking identifier ("Tracking Number").
- f. HSIP-PREP shall provide the capability for a User to upload one (1) or more PDF, Word, JPEG, (non-executable) documents and attach the document(s) to a Safety Investigation. When a document has been identified for upload, HSIP-PREP shall perform a scan to ensure that the document to be uploaded has no viruses/malicious code.
- g. HSIP-PREP shall provide a freeform text field that can be used by a User to input comments or other narrative inputs for a Safety Investigation.
- h. HSIP-PREP shall provide the capability for a User to:
 - i. cancel a Safety Investigation without saving any information,
 - ii. save a Safety Investigation,
 - iii. view a Safety Investigation that was previously saved, and
 - iv. continue to generate a Safety Investigation that was previously saved.

A.6. **Maintain Investigations.** HSIP-PREP shall maintain all Safety Investigation data and records created by Users as well as Safety Investigation reports or data imported into HSIP-PREP during the term of the contract.

A.7. **Safety Investigation Package.** HSIP-PREP shall provide the ability to generate a report for the Safety Investigation ("Package").

- A. When a Safety Investigation Package has been requested, HSIP-PREP shall generate an initial Safety Investigation Package in PDF format, to include:
 - 1. Safety Investigation tracking identifier (e.g., tracking number)
 - 2. Requestor and request date
 - 3. Roadway location details for the Safety Investigation Package as specified in the Safety Investigation
 - 4. Freeform comment/narrative input data fields included as part of the Safety Investigation and Safety Investigation Package
- B. When a Safety Investigation Package is generated from an HSIP Safety Project that already exists in PPRM or other State designated database as specified by the Safety Investigation location, the Safety Investigation Package shall include the HSIP Safety Project details from PPRM or other State designated database, including all fields specified in Attachment B.
- C. HSIP-PREP shall provide the ability to download, edit and upload the Safety Investigation Package, thus allowing Safety personnel add or remove information in the package (using external PDF editing software).
- D. HSIP-PREP shall provide the ability to upload, view, and download additional supporting documents associated with a Safety Investigation package.
- E. HSIP-PREP shall store copies of Safety Investigation Packages and maintain all Safety Investigation Packages.

A.8. **New HSIP Safety Project.** The State will initiate new HSIP Safety Projects within the State's PPRM or other State designated database. HSIP-PREP shall be able to retrieve data from the PPRM system or other State designated database and shall have the following capabilities:

- A. HSIP-PREP shall provide the capability for the Safety Investigation Manager to input into HSIP-PREP the HSIP Safety Project Pin Number generated by PPRM or other State designated database, and correlate the Pin Number to the associated Safety Investigation Package tracking identifier (e.g., tracking number) generated by HSIP-PREP. HSIP-PREP shall maintain the PPRM Generated HSIP Safety Project Pin Number and its association with the Safety Investigation Package tracking identifier (e.g., tracking number) generated by HSIP-PREP.
- B. HSIP-PREP shall provide the following HSIP Safety Project fields. For any field not designated as a freeform text field, HSIP-PREP shall have multiple values which shall be selectable via a pull-down menu. HSIP-PREP shall provide the capability for a System Administrator to add, modify or delete any field value(s) as needed. Use of each field shall be optional:
 - i. "IMPROVEMENT CATEGORY"
 - ii. "SUBCATEGORY"
 - iii. "RELEVANT SHSP EMPHASIS AREA"
 - iv. "RELEVANT SHSP EMPHASIS AREA (OTHER)" (This is a freeform text field.)
 - v. "RELEVANT SHSP STRATEGY"
 - vi. "METHOD FOR SITE SELECTION"
 - vii. "METHOD FOR SITE SELECTION (OTHER)" (This is a freeform text field.)

A.9. **Reporting & Querying.**

- 1. HSIP-PREP shall provide any authorized User the capability to export data from PPRM or HSIP-PREP which can be used in generating reports by specifying a pin number ("PIN").

2. HSIP-PREP shall search for existing projects based upon the Safety Investigation location
3. HSIP-PREP shall utilize an API with PPRM or other State designated database to identify the "FEDERAL PROJECT NUMBER(S)" associated with the "PIN" and include the "FEDERAL PROJECT NUMBER(S)" on the report.
4. HSIP-PREP shall utilize an API to access data in PPRM and services to access data maintained by the State's ESRI Roads and Highways system to identify the following field values (Roads and Highways events) associated with the "PIN" and include the field values on the report. If a field contains multiple field values, the report shall include "Multiple/Varies" as the field value:
 - i. HPMS Functional Class
 - ii. Speed Limit
 - iii. HPMS Ownership (originally TRIMS Govt_Ctrl)
 - iv. (this will be linear features that contain AADT values from TN TIMES)
 - v. Urban Rural
5. Below is a sample output of the federal project number endpoint of the PPRM API which HSIP-PREP will connect to. For each federal project associated with a PIN, TDOT reports the sequence (aka the ID), the federal project number, and the "duns number:"

```

{
  "pin": "104686.06",
  "projectSequence": 80508,
  "federalProject": [
    {
      "federalProjectSequence": 56759,
      "federalProjectNumber": "SPR-PR-1B(318)",
      "dunsNumber": "878297712"
    },
    {
      "federalProjectSequence": 56789,
      "federalProjectNumber": "SPR-PR-2B(318)",
      "dunsNumber": "878297712"
    },
    {
      "federalProjectSequence": 56799,
      "federalProjectNumber": "SPR-PR-3B(318)",
      "dunsNumber": "878297712"
    }
  ]
}

```

```

    },
    {
      "federalProjectSequence": 56809,
      "federalProjectNumber": "SPR-PR-4B(318)",
      "dunsNumber": "878297712"
    }
  ]
}

```

6. Queries and Reports On-Demand – HSIP-PREP Safety Investigation and Supporting Data. HSIP-PREP shall provide authorized Users with the capability to query and export query results to Excel or CSV on demand for any and all Data contained in HSIP-PREP, consistent with the security access limitations of the user’s role(s).
7. Exception Reporting. HSIP-PREP shall provide for reporting of System Errors. The System Error reports shall be consistent with the information collected in the System Error logs, and shall include a description of the System Error, indicate the time, identify the user, and identify the component within HSIP-PREP where the System Error occurred.

A.10. **User Interface.** HSIP-PREP shall provide its functionality through a web interface.

A.11. **HSIP-PREP Design.** HSIP-PREP shall comply with the following design requirements:

1. Accessibility. HSIP-PREP shall be compliant with section 508 ADA standards for web applications.
2. Web Design Requirements. All web pages designed as part of HSIP-PREP shall comply with the following:
 - a. adhere to HTML5 guidelines,
 - b. development using responsive website techniques,
 - c. use of only State approved logos,
 - d. development for current web standards,
 - e. use of approved Cascading Style Sheets for consistent look, and
 - f. do not include the use of Java, Active X, Flash, or other browser plug-ins.
3. Web Browser Compatibility. HSIP-PREP shall be compatible and fully functional in the following web browsers:
 - a. Microsoft - all versions of Edge
 - b. Chrome
4. Data Exchange Formats. HSIP-PREP shall support open data exchange formats including JSON, ESRI Feature Service, and GeoJSON via web services.
5. API Endpoints. HSIP-PREP shall have HTTP-based web Application Programming Interface (“API”) endpoints to provide the capability to programmatically query, create, update and delete user account and other Data, both individually and in bulk. API endpoints shall be accessible only by users authorized by the State. The Contractor shall maintain current updated documentation for API endpoints and shall provide this documentation to the State on the Effective Date, and throughout the Term when there are changes or updates associated with API endpoints.

6. HSIP-PREP Interfaces. The Contractor shall be responsible for acquiring any necessary rights or permissions with respect to the implementation of HSIP-PREP. The authentication/authorization method used to secure any interface(s) required by the Contractor shall be subject to approval by the State.
7. HSIP-PREP Version Control. The Contractor shall provide a clearly defined version control process including test and production environments, and full “roll back” to previous version capabilities.
8. Required Fields & Error Checking. HSIP-PREP shall clearly identify missing or invalid required elements upon data entry. Certain data entry fields within HSIP-PREP shall have error-checking routines to provide the user with feedback in the cases of incorrect or mis-keyed information. Examples of fields that would be appropriate for error-checking include dates, numeric values (e.g., quantities).
9. Dropdown Lists. Dropdown lists for data entry fields shall be inserted as designated by the State.
10. Navigation. HSIP-PREP shall provide the capability for any user to access other screens and modules without backing out of menus or menu paths.
11. Software Compatibility. The HSIP-PREP software solution shall be compatible with the latest versions of State supported software. Current State supported software platform includes the following:
 - a. Windows 2012 Server R2 & later
 - b. Microsoft Edge
 - c. Oracle Database Server (Version 19C) and Client (Version 19C or current version of Oracle).
 - d. Microsoft Internet Information Server© (IIS)
 - e. Microsoft .NET
 - f. ArcGIS 10.7 or current version at the time of development

A.12. HSIP-PREP Security.

1. Restrict Access. HSIP-PREP shall restrict access by user role to protect against fraud and error.
2. Data Privacy & Secure Communication. All Data shall be communicated over TLS version 1.2 or higher.
3. Active Directory Integration. HSIP-PREP shall utilize a user model allowing for Single Sign On (“SSO”) using the State of Tennessee’s Active Directory for employee enterprise login, accessed externally by cloud providers through the State of Tennessee’s Azure Active Directory (“AAD”) instance in its Microsoft Tenant. Therefore, the State of Tennessee employees will have the capability to access HSIP-PREP using their enterprise login. HSIP-PREP shall leverage AAD/Security Assertion Markup Language (“SAML”) for SSO for web interface and through any supported native applications.
4. Services Performed in U.S. All services described in this Contract shall be performed within the borders of the continental United States. All storage and processing of information shall be performed within the borders of the continental United States. This provision applies to all work performed by the Contractor and any subcontractors.
5. Compliance with State Policies.
 - a. The Contractor shall comply with the State of Tennessee’s Enterprise Information Security Policies as amended periodically. The State of Tennessee’s Enterprise Information Security Policies document is found at the following URL:

A.13. Audit Trails.

1. Audit Trail Details. Detailed audit trails shall be maintained for all transactions including but not limited to Data inputs, user account changes, and system changes made within HSIP-PREP. The audit trail shall include identification of the user that performed the transaction, transaction type, relevant Data, and time of the transaction. HSIP-PREP shall maintain an electronic file of all transactions by user, time, date, and transaction type. HSIP-PREP shall require a System Administrator performing an account management activity to give a reason for the action.
2. Error Logging. HSIP-PREP shall log all HSIP-PREP System Errors. The log shall include the user that received the System Error, detailed System Error information, the time of the System Error, the component of HSIP-PREP where the System Error occurred, and the device/location where it occurred.
3. Administrative Access. System Administrators shall have the capability to access, upon request, all detailed audit trail Data within HSIP-PREP.
4. User Access Limitations. HSIP-PREP shall limit a user's access to only those data fields, menus, screens, modules, and functionality required for that user's role(s).
5. System Administrator Functions. HSIP-PREP shall provide the capability for a System Administrator to perform administrative functions within HSIP-PREP, including the creation and management of accounts for all user roles.

A.14. HSIP-PREP Support and Maintenance. The Contractor shall provide annual support and maintenance for HSIP-PREP including the following:

- a. HSIP-PREP Reliability. HSIP-PREP shall provide full functionality twenty-four (24) hours/day, even (7) days/week, ninety-nine-point nine percent (99.9%) of the time, except for scheduled maintenance and planned software updates.
- b. Help Desk. The Contractor shall have a help desk with project management and support personnel available for phone and email consultation during the hours of 8:00 AM to 5:00 PM Central Time, Monday through Friday, excluding State holidays. Contractor and State Users will mutually identify email and phone numbers for non-business-hour critical issues.
- c. Trouble Tickets. The Contractor shall maintain an on-line Trouble Ticket System ("Trouble Ticket System") that allows State Users to submit HSIP-PREP performance, maintenance, support, and any other HSIP-PREP technical issues or Defects to the Contractor. The Trouble Ticket System shall provide ticket status visibility to the Contractor and the State. The Trouble Ticket System shall be used to track all HSIP-PREP performance, maintenance, support, and any other HSIP-PREP technical issues or Defects, and shall maintain ticket status including, ticket submission date, the submitter, the Contractor staff assigned to address the ticket, and the ticket resolution date.
- d. Response Time. The Contractor shall confirm receipt and begin resolving technical issue(s) or Defects in HSIP-PREP within (1) one working hour of being notified. The Contractor shall document all issues and their fixes.
- e. Documentation. Complete documentation of all HSIP-PREP enhancements or revisions shall be provided with new releases of software. Documentation must describe, in a user-friendly manner, what State Users need to know to understand each level on which the software operates. The documentation must specifically include documentation of the database, including data entity and attribute definitions, table and field names, data types, data sizes,

business rules, and entity-relationship diagrams that depict all relationships between tables and fields in the database using industry and State standards.

- f. Time Frames for Services. Contractor shall provide emergency maintenance services to correct code problems or any performance or operational problems related to the design or coding of the HSIP-PREP software.
 - i. Products and services shall be either replaced, revised, repaired, or corrected within a reasonable timeframe of thirty (30) days if written notification is issued by the State of the Defects; provided, however, that if the continued use of a Defective product or service would cause damage to the State computer system(s) or associated Data, or would otherwise seriously impair, as determined by the State, the ability of users of the system(s) to do their jobs or the functions for which HSIP-PREP was established, then Contractor shall act to repair the Defect immediately, unless an extension is otherwise granted in writing, by the State.
 - ii. The State will determine when any Defects have been resolved.
 - g. Contact for Services. The Contractor shall be the initial contact point for all HSIP-PREP maintenance and support notifications and support requests, regardless of the perceived source of the problem, or whether the Contractor or a subcontractor/third party owns and/or directly maintains the faulty software. The Contractor may elect to have support services performed by subcontracted personnel, in accordance with Section D.7; however, if this is the case, the Contractor shall be responsible for coordinating the effort so that the use of any third-party support is transparent to the State and so that the State shall not have to deal directly with the subcontractor.
 - h. Maintenance Schedules. The Contractor shall provide written notification to the State at least three (3) weeks in advance of planned software upgrades and/or maintenance. Planned software upgrades and maintenance shall be performed during the non-peak usage hours of 6:00 PM – 5:00 AM Central Time Monday through Friday, and Friday 6:00 PM through Monday 5:00 AM. Software upgrades shall be fully tested by both the Contractor and the State prior to implementation to ensure that there are no version incompatibilities. The Contractor shall ensure that all potentially affected users are notified in advance if HSIP-PREP must be halted to provide maintenance.
 - i. Interface Management. The Contractor shall maintain HSIP-PREP interfaces to ensure that the interfaces remain compatible for all interface versions.
 - j. Maintenance of Operations and Services during Work. The correction of Defects shall not detract from or interfere with software maintenance or operational tasks.
 - k. Problems Not Caused by Contractor Fault. If Contractor personnel determine that the problem is not the fault of Contractor-provided software or hardware, then the Contractor shall notify State support personnel immediately. If the State agrees that the problem is due to software, hardware, or project management decisions that are not the fault of Contractor, the Contractor shall not be responsible for resolving the problem. However, in this case, if requested by the State, Contractor personnel shall be dedicated to the problem to perform any required joint functions until the problem is resolved.
 - l. HSIP-PREP Software Corrections. The Contractor shall provide maintenance, including Defect corrections, for any customized software provided by Contractor. There will be no set maximum limit on the number of verified software Defects corrected, tested, and implemented by the Contractor during the Contract Term. There will be no maximum limit on the number of hours spent by the Contractor necessary to correct verified software Defects.
 - m. Archiving. The Contractor shall maintain daily backups for a rolling thirty (30) day period, and monthly backups for the entire contract period. Backup Data shall be available within twenty-four (24) hours of notification by an authorized State person.
- A.15. Correction of Deficiencies. Any corrections of deficiencies relating to the Contract Scope of Services requirements or deliverables and any investigation necessary to determine the source of such deficiencies shall be completed by the Contractor at no cost to the State.

A.16. HSIP-PREP Implementation.

- a. Kick-Off Meeting. Within fifteen (15) business days of Effective Date, Contractor shall participate in a kick-off meeting at a State facility in Nashville, Tennessee. Contractor shall prepare and deliver a presentation for the kick-off meeting that synthesizes the Contractor's approach to the overall implementation project and introduces the Contractor team to the State project team.
- b. Project Plan and Schedule. Contractor shall generate and deliver to the State a detailed implementation project plan and schedule addressing all work scope defined in the Contract for the provisioning of a fully functional and integrated HSIP-PREP Software Tool.
 1. The implementation project plan shall include:
 - i. A Work Breakdown Structure ("WBS")
 - ii. A responsibility matrix
 - iii. A current organizational chart and
 - iv. A contact list which shall provide the name, title, office phone number, cell phone number, and email contact information for each Contractor person assigned to the installation of the HSIP-PREP development, and implementation of the HSIP-PREP Software.
 2. The project plan shall include milestones representing 10%, 30%, 80% and 100% completion.
 3. The implementation project plan and schedule shall be reviewed and approved in writing by the State. The implementation project plan and schedule shall address finalization of the following, as appropriate:
 - i. Implementation Progress Reports. Through the implementation period, Contractor shall provide biweekly implementation progress reports to the State contacts specified in Contract section D.2, as well as informal updates to the State upon request. The biweekly implementation progress reports shall include milestone completion progress, explanation of implementation project schedule variances, schedule risks and mitigation, status of deliverables, and action items with current status.
 - ii. Test Environment. Contractor shall establish and maintain a complete and separate test environment for HSIP-PREP that mirrors the production environment. The test environment shall be accessible to State Users and the Contractor. The test environment shall be utilized for all acceptance testing prior to release of any new versions, features, bug fixes, and enhancements.
 - iii. Test Plan. Contractor shall generate a comprehensive test plan covering internal testing, end-to-end HSIP-PREP interface testing, and user acceptance testing, to be reviewed and approved by the State.
- c. Contractor Testing. Contractor shall thoroughly test all HSIP-PREP functions prior to releasing for user acceptance testing. The State shall approve all HSIP-PREP functions as set forth in Sections A.18. and C.3.A.
- d. Interface Testing. All HSIP-PREP interfaces shall be thoroughly end-to-end tested by the Contractor, be subject to user acceptance testing by the State, and be accepted and approved by the State as set forth in Sections A.18. and C.3.A.
- e. User Acceptance Testing. All HSIP-PREP functionality shall be subject to successful completion of comprehensive user acceptance testing by the State. A qualified Contractor representative with extensive technical knowledge of HSIP-PREP shall be dedicated to participating in the initial user acceptance testing.
- f. Training and Documentation: Contractor shall develop a training plan for the HSIP-PREP. Contractor shall provide perpetual training for HSIP-PREP software in the form of

webinar(s), train-the-trainer, or by some other means. The training shall be reviewed and approved by the State. Contractor shall ensure training availability to Administrators and other HSIP-PREP users as determined by the State. Training documentation shall be delivered in electronic formats including Microsoft editable or native editable application and PDF prior to training sessions. Training documentation shall include the following:

- i. HSIP-PREP operations manuals for all User Roles
 - ii. HSIP-PREP frequently asked questions
 - iii. HSIP-PREP support services including the help desk and Trouble Ticket System
 - iv. Security
 - v. Training Manuals
 - vi. Instruction on the update and customization of forms.
- g. Production Go-Live. Contractor shall provide written notification to the State when the HSIP-PREP production environment is fully functional and ready for Go-live. Production Go-live shall be approved in writing by the State.
- h. HSIP-PREP Burn-In Period. HSIP-PREP shall be subject to a sixty (60) day burn-in period in which no Deficiency in functional requirements, technical operation, performance, mandatory response times, or reliability are identified. Successful completion of the burn-in period shall be subject to State approval.

- A.17. Warranty. Contractor represents and warrants that the term of the warranty (“Warranty Period”) shall be the greater of the Term of this Contract or any other warranty generally offered by Contractor, its suppliers, or manufacturers to customers of its goods or services. The goods or services provided under this Contract shall conform to the terms and conditions of this Contract throughout the Warranty Period. Any nonconformance of the goods or services to the terms and conditions of this Contract shall constitute a “Defect” and shall be considered “Defective.” If Contractor receives notice of a Defect during the Warranty Period, then Contractor shall correct the Defect, at no additional charge.

Contractor represents and warrants that the State is authorized to possess and use all equipment, materials, software, and deliverables provided under this Contract.

Contractor represents and warrants that all goods or services provided under this Contract shall be provided in a timely and professional manner, by qualified and skilled individuals, and in conformity with standards generally accepted in Contractor’s industry.

If Contractor fails to provide the goods or services as warranted, then Contractor will re-provide the goods or services at no additional charge. If Contractor is unable or unwilling to re-provide the goods or services as warranted, then the State shall be entitled to recover the fees paid to Contractor for the Defective goods or services. Any exercise of the State’s rights under this Section shall not prejudice the State’s rights to seek any other remedies available under this Contract or applicable law.

- A.18. Inspection and Acceptance. The State shall have the right to inspect all goods or services provided by Contractor under this Contract. If, upon inspection, the State determines that the goods or services are Defective, the State shall notify Contractor, and Contractor shall re-deliver the goods or provide the services at no additional cost to the State. If after a period of thirty (30) days following delivery of goods or performance of services the State does not provide a notice of any Defects, the goods or services shall be deemed to have been accepted by the State.

- A.19. MyTN.gov Interface.

- a. The State may require the software developed or provided by the Contractor under this Contract to interface with the State’s customer-facing portal, MyTN.gov. This may occur at

any time during the Term of the Contract. If so, the Contractor may have to comply with one, or more, of the following requirements:

- i. All web applications must be Responsive. "Responsive" is an industry standard term that refers to a web design that makes web pages render well on a variety of devices and window or screen sizes.
 - ii. All web applications must have the capability to use a single-sign on server utilizing the following industry standard protocols: Security Assertion Markup Language ("SAML") or minimum of OAuth 2.0.
- b. Any of the obligations in Section A.19.a that were known and required prior to Contract Effective Date will be specified herein, including necessary compensation methods and amounts.
- b. For any of the obligations in Section A.19.a that were unknown or not required at Contract Effective Date, it will be necessary to add lines, items, or options to the Contract to accommodate one or more of the new interface requirements. The State shall add these lines, items, or options in accordance with the MOU process described in Section E.3, below. If the Contractor requires additional compensation for the interface tasks, such compensation shall be negotiated and specified through this same MOU process.

A.20. Change Orders. The State may, at its sole discretion and with written notice to the Contractor, request changes in the Scope that are necessary but were inadvertently unspecified in this Contract.

- a. Change Order Creation. After receipt of a written request for additional services from the State, the Contractor shall respond to the State, within a maximum of ten (10) business days, with a written proposal for completing the service. Contractor's proposal must specify:
 - i. the effect, if any, of implementing the requested change(s) on all other services required under this Contract;
 - ii. the specific effort involved in completing the change(s);
 - iii. the expected schedule for completing the change(s);
 - iv. the maximum number of person hours required for the change(s); and
 - v. the maximum cost for the change(s)— this maximum cost shall in no instance exceed the product of the person hours required multiplied by the appropriate payment rate proposed for such work.

The Contractor shall not perform any additional service until the State has approved the proposal. If approved, the State will sign the proposal, and it shall constitute a Change Order between the Contract Parties pertaining to the specified change(s) and shall be incorporated, hereby, as a part of this Contract.

- b. Change Order Performance. Subsequent to creation of a Change Order, the Contractor shall complete the required services. The State will be the sole judge of the acceptable completion of work and, upon such determination, shall provide the Contractor written approval.
- c. Change Order Remuneration. The State will remunerate the Contractor only for acceptable work. All acceptable work performed pursuant to an approved Change Order, without a formal amendment of this Contract, shall be remunerated in accordance with and further limited by Contract Section C.3.c, PROVIDED THAT, the State shall be liable to the Contractor only for the cost of the actual goods or services provided to complete the necessary work, not to exceed the maximum cost for the change detailed in the Change Order. In no instance shall the State be liable to the Contractor for any amount exceeding the maximum cost specified by the Change

Order authorizing the goods or services. Upon State approval of the work, the Contractor shall invoice the State in accordance with the relevant provisions of this Contract.

B. TERM OF CONTRACT:

- B.1. This Contract shall be effective on **DATE** (“Effective Date”) and extend for a period of eighteen (18) months after the Effective Date (“Term”). The State shall have no obligation for goods or services provided by the Contractor prior to the Effective Date.
- B.2. Renewal Options. This Contract may be renewed upon satisfactory completion of the Term. The State reserves the right to execute up to three (3) renewal options for an Unlimited User License, hosting, support and maintenance under the same terms and conditions for a period not to exceed twelve (12) months each by the State, at the State’s sole option. In no event, however, shall the maximum Term, including all renewals or extensions, exceed a total of fifty-four (54) months.

C. PAYMENT TERMS AND CONDITIONS:

- C.1. Maximum Liability. In no event shall the maximum liability of the State under this Contract exceed **Written Dollar Amount (\$Number)** (“Maximum Liability”). This Contract does not grant the Contractor any exclusive rights. The State does not guarantee that it will buy any minimum quantity of goods or services under this Contract. Subject to the terms and conditions of this Contract, the Contractor will only be paid for goods or services provided under this Contract after a purchase order is issued to Contractor by the State or as otherwise specified by this Contract.
- C.2. Compensation Firm. The payment methodology in Section C.3. of this Contract shall constitute the entire compensation due the Contractor for all goods or services provided under this Contract regardless of the difficulty, materials or equipment required. The payment methodology includes all applicable taxes, fees, overhead, and all other direct and indirect costs incurred or to be incurred by the Contractor.
- C.3. Payment Methodology. The Contractor shall be compensated based on the payment methodology for goods or services authorized by the State in a total amount as set forth in Section C.1.
 - A. The Contractor’s compensation shall be contingent upon the satisfactory provision of goods or services as set forth in Section A.
 - B. The Contractor shall be compensated based upon the following payment methodology described in Table 1:

Table 1. Payment Methodology	
Goods or Services Description	Compensable Amount (% of Total Price) Subject to State Written Approval
<u>Deliverable 1:</u> A. Contractor project plan and Schedule approved by the State in accordance with Contract Section A.16.a. and A.16.b. B. Contractor comprehensive test plan approved by the State for all HSIP- PREP functionality in accordance with Contract Section A.16.b.3.iii.	10%

<u>Deliverable 2:</u> C. Test Environment fully established to mirror production environment in accordance with contract Section A.16.b.ii. D. Successful creation of Safety Investigation package in HSIP-PREP test environment. E. Successful completion of Contractor Testing in accordance with Section A.16.c. F. Perpetual HSIP-PREP training established and made available to State personnel; and training documentation delivered to the State in electronic format in accordance with Contract section A.16.f.	20%
<u>Deliverable 3:</u> G. Testing Complete in accordance with Contract Sections A.16.c, A.16.d, and A.16.e. H. HSIP-PREP Go-live in accordance with Contract Section A.16.g.	50%
<u>Deliverable 4:</u> I. Successful completion of 60 day Burn-In Period in accordance with Contract section A.16.h. Compensation will be made only after a full 60 day period with no Deficiency as stated above.	20%
<u>Total amount for Deliverables 1-4:</u>	\$ TOTAL

HSIP-PREP User Licenses	
(Payable After Successful Completion of all Project Implementation Deliverables)	
Goods or Services Description	Monthly License Price*
HSIP-PREP Unlimited User License, Including Hosting, Support & Maintenance - Year 1	\$
HSIP-PREP Unlimited User License, Including Hosting, Support & Maintenance - Year 2	\$
HSIP-PREP Unlimited User License, Including Hosting, Support & Maintenance - Year 3	\$

C. The Contractor shall be compensated for changes requested and performed pursuant to Contract Section A.20., without a formal amendment of this Contract based upon the payment rates detailed in the schedule below and as agreed pursuant to Section A.20., PROVIDED THAT compensation to the Contractor for such "change order" work shall not exceed FIVE PERCENT (5 %) of the sum of milestone payment rates detailed in Deliverables 1-4 above, in Section C.3.b., above (which is the total cost for the milestones and associated deliverables set forth in Contract Sections A.3., through A.16.). If, at any point during the Term, the State determines that the cost of necessary "change order" work would exceed the maximum amount, the State may amend this Contract to address the need.

Job Classification (See Contract Attachment E for Job Descriptions)	Year 1	Year 2	Year 3
	Hourly Rate	Hourly Rate	Hourly Rate
Jr. Developer	\$	\$	\$
Sr. Developer	\$	\$	\$
Jr. Architect	\$	\$	\$
Sr. Architect	\$	\$	\$

Project Manager	\$	\$	\$
Sr. Project Manager	\$	\$	\$
Business Analyst	\$	\$	\$
Tech Writer	\$	\$	\$

NOTE: The Contractor shall not be compensated for travel time to the primary location of service provision.

C.4. Travel Compensation. The Contractor shall not be compensated or reimbursed for travel time, travel expenses, meals, or lodging.

C.5. Invoice Requirements. The Contractor shall invoice the State only for goods delivered and accepted by the State or services satisfactorily provided at the amounts stipulated in Section C.3., above. Contractor shall submit invoices and necessary supporting documentation, no more frequently than once a month, and no later than thirty (30) days after goods or services have been provided to the following address:

TDOT Information Technology Division
505 Deaderick Street, Suite 500
Nashville, TN 37243

a. Each invoice, on Contractor's letterhead, shall clearly and accurately detail all of the following information (calculations must be extended and totaled correctly):

- i. Invoice number (assigned by the Contractor);
- ii. Invoice date;
- iii. Contract number (assigned by the State);
- iv. Customer account name: Tennessee Department of Transportation, IT Division;
- v. Customer account number (assigned by the Contractor to the above-referenced Customer);
- vi. Contractor name;
- vii. Contractor Tennessee Edison registration ID number;
- viii. Contractor contact for invoice questions (name, phone, or email);
- ix. Contractor remittance address;
- x. Description of delivered goods or services provided and invoiced, including identifying information as applicable;
- xi. Number of delivered or completed units, increments, hours, or days as applicable, of each good or service invoiced;
- xii. Applicable payment methodology (as stipulated in Section C.3.) of each good or service invoiced;
- xiii. Amount due for each compensable unit of good or service; and
- xiv. Total amount due for the invoice period.

b. Contractor's invoices shall:

- i. Only include charges for goods delivered or services provided as described in Section A and in accordance with payment terms and conditions set forth in Section C;
- ii. Only be submitted for goods delivered or services completed and shall not include any charge for future goods to be delivered or services to be performed;
- iii. Not include Contractor's taxes, which includes without limitation Contractor's sales and use tax, excise taxes, franchise taxes, real or personal property taxes, or income taxes; and
- iv. Include shipping or delivery charges only as authorized in this Contract.

- c. The timeframe for payment (or any discounts) begins only when the State is in receipt of an invoice that meets the minimum requirements of this Section C.5.
- C.6. Payment of Invoice. A payment by the State shall not prejudice the State's right to object to or question any payment, invoice, or other matter. A payment by the State shall not be construed as acceptance of goods delivered, any part of the services provided, or as approval of any amount invoiced.
- C.7. Invoice Reductions. The Contractor's invoice shall be subject to reduction for amounts included in any invoice or payment that is determined by the State, on the basis of audits conducted in accordance with the terms of this Contract, to not constitute proper compensation for goods delivered or services provided.
- C.8. Deductions. The State reserves the right to deduct from amounts, which are or shall become due and payable to the Contractor under this or any contract between the Contractor and the State of Tennessee, any amounts that are or shall become due and payable to the State of Tennessee by the Contractor.
- C.9. Prerequisite Documentation. The Contractor shall not invoice the State under this Contract until the State has received the following, properly completed documentation.
 - a. The Contractor shall complete, sign, and present to the State the "Authorization Agreement for Automatic Deposit Form" provided by the State. By doing so, the Contractor acknowledges and agrees that, once this form is received by the State, payments to the Contractor, under this or any other contract the Contractor has with the State of Tennessee, may be made by ACH; and
 - b. The Contractor shall complete, sign, and return to the State the State-provided W-9 form. The taxpayer identification number on the W-9 form must be the same as the Contractor's Federal Employer Identification Number or Social Security Number referenced in the Contractor's Edison registration information.

D. MANDATORY TERMS AND CONDITIONS:

- D.1. Required Approvals. The State is not bound by this Contract until it is duly approved by the Parties and all appropriate State officials in accordance with applicable Tennessee laws and regulations. Depending upon the specifics of this Contract, this may include approvals by the Commissioner of Finance and Administration, the Commissioner of Human Resources, the Comptroller of the Treasury, and the Chief Procurement Officer. Approvals shall be evidenced by a signature or electronic approval.
- D.2. Communications and Contacts. All instructions, notices, consents, demands, or other communications required or contemplated by this Contract shall be in writing and shall be made by certified, first class mail, return receipt requested and postage prepaid, by overnight courier service with an asset tracking system, or by email or facsimile transmission with recipient confirmation. All communications, regardless of method of transmission, shall be addressed to the respective Party at the appropriate mailing address, facsimile number, or email address as stated below or any other address provided in writing by a Party.

The State:

Jim Waters, Assistant Director
TDOT Strategic Transportation Investments Division
505 Deaderick Street, Nashville, TN 37243
jim.waters@tn.gov

Alternate Contacts (CC on all Communications):

Mark D. Patterson, IT Business Services
Tennessee Department of Transportation
505 Deaderick Street
Nashville, TN 37243
mark.d.patterson@tn.gov

Donna L. Mitchell, IT Business Services
Tennessee Department of Transportation
505 Deaderick Street
Nashville, TN 37243
donna.mitchell@tn.gov

The Contractor:

Contractor Contact Name & Title
Contractor Name
Address
Email Address
Telephone # Number
FAX # Number

All instructions, notices, consents, demands, or other communications shall be considered effective upon receipt or recipient confirmation as may be required.

- D.3. Modification and Amendment. This Contract may be modified only by a written amendment signed by all Parties and approved by all applicable State officials.
- D.4. Subject to Funds Availability. The Contract is subject to the appropriation and availability of State or federal funds. In the event that the funds are not appropriated or are otherwise unavailable, the State reserves the right to terminate this Contract upon written notice to the Contractor. The State's exercise of its right to terminate this Contract shall not constitute a breach of Contract by the State. Upon receipt of the written notice, the Contractor shall cease all work associated with the Contract. If the State terminates this Contract due to lack of funds availability, the Contractor shall be entitled to compensation for all conforming goods requested and accepted by the State and for all satisfactory and authorized services completed as of the termination date. Should the State exercise its right to terminate this Contract due to unavailability of funds, the Contractor shall have no right to recover from the State any actual, general, special, incidental, consequential, or any other damages of any description or amount.
- D.5. Termination for Convenience. The State may terminate this Contract for convenience without cause and for any reason. The State shall give the Contractor at least thirty (30) days written notice before the termination date. The Contractor shall be entitled to compensation for all conforming goods delivered and accepted by the State or for satisfactory, authorized services completed as of the termination date. In no event shall the State be liable to the Contractor for compensation for any goods neither requested nor accepted by the State or for any services neither requested by the State nor satisfactorily performed by the Contractor. In no event shall the State's exercise of its right to terminate this Contract for convenience relieve the Contractor of any liability to the State for any damages or claims arising under this Contract.
- D.6. Termination for Cause. If the Contractor fails to properly perform its obligations under this Contract in a timely or proper manner, or if the Contractor materially violates any terms of this Contract ("Breach Condition"), the State shall have the right to immediately terminate the Contract and withhold payments in excess of compensation for completed services or provided goods. Notwithstanding the above, the Contractor shall not be relieved of liability to the State for damages sustained by virtue of any Breach Condition and the State may seek other remedies allowed at law or in equity for breach of this Contract.
- D.7. Assignment and Subcontracting. The Contractor shall not assign this Contract or enter into a subcontract for any of the goods or services provided under this Contract without the prior written approval of the State. Notwithstanding any use of the approved subcontractors, the Contractor shall be the prime contractor and responsible for compliance with all terms and conditions of this Contract. The State reserves the right to request additional information or impose additional terms and conditions before approving an assignment of this Contract in whole or in part or the use of subcontractors in fulfilling the Contractor's obligations under this Contract.

- D.8. Conflicts of Interest. The Contractor warrants that no part of the Contractor's compensation shall be paid directly or indirectly to an employee or official of the State of Tennessee as wages, compensation, or gifts in exchange for acting as an officer, agent, employee, subcontractor, or consultant to the Contractor in connection with any work contemplated or performed under this Contract.

The Contractor acknowledges, understands, and agrees that this Contract shall be null and void if the Contractor is, or within the past six (6) months has been, an employee of the State of Tennessee or if the Contractor is an entity in which a controlling interest is held by an individual who is, or within the past six (6) months has been, an employee of the State of Tennessee.

- D.9. Nondiscrimination. The Contractor hereby agrees, warrants, and assures that no person shall be excluded from participation in, be denied benefits of, or be otherwise subjected to discrimination in the performance of this Contract or in the employment practices of the Contractor on the grounds of handicap or disability, age, race, creed, color, religion, sex, national origin, or any other classification protected by federal or state law. The Contractor shall, upon request, show proof of nondiscrimination and shall post in conspicuous places, available to all employees and applicants, notices of nondiscrimination.

- D.10. Prohibition of Illegal Immigrants. The requirements of Tenn. Code Ann. § 12-3-309 addressing the use of illegal immigrants in the performance of any contract to supply goods or services to the state of Tennessee, shall be a material provision of this Contract, a breach of which shall be grounds for monetary and other penalties, up to and including termination of this Contract.

- a. The Contractor agrees that the Contractor shall not knowingly utilize the services of an illegal immigrant in the performance of this Contract and shall not knowingly utilize the services of any subcontractor who will utilize the services of an illegal immigrant in the performance of this Contract. The Contractor shall reaffirm this attestation, in writing, by submitting to the State a completed and signed copy of the document at Attachment A, semi-annually during the Term. If the Contractor is a party to more than one contract with the State, the Contractor may submit one attestation that applies to all contracts with the State. All Contractor attestations shall be maintained by the Contractor and made available to State officials upon request.
- b. Prior to the use of any subcontractor in the performance of this Contract, and semi-annually thereafter, during the Term, the Contractor shall obtain and retain a current, written attestation that the subcontractor shall not knowingly utilize the services of an illegal immigrant to perform work under this Contract and shall not knowingly utilize the services of any subcontractor who will utilize the services of an illegal immigrant to perform work under this Contract. Attestations obtained from subcontractors shall be maintained by the Contractor and made available to State officials upon request.
- c. The Contractor shall maintain records for all personnel used in the performance of this Contract. Contractor's records shall be subject to review and random inspection at any reasonable time upon reasonable notice by the State.
- d. The Contractor understands and agrees that failure to comply with this section will be subject to the sanctions of Tenn. Code Ann. § 12-3-309 for acts or omissions occurring after its effective date.
- e. For purposes of this Contract, "illegal immigrant" shall be defined as any person who is not: (i) a United States citizen; (ii) a Lawful Permanent Resident; (iii) a person whose physical presence in the United States is authorized; (iv) allowed by the federal Department of Homeland Security and who, under federal immigration laws or regulations, is authorized to be employed in the U.S.; or (v) is otherwise authorized to provide services under the Contract.

- D.11. Records. The Contractor shall maintain documentation for all charges under this Contract. The books, records, and documents of the Contractor, for work performed or money received under

this Contract, shall be maintained for a period of five (5) full years from the date of the final payment and shall be subject to audit at any reasonable time and upon reasonable notice by the State, the Comptroller of the Treasury, or their duly appointed representatives. The financial statements shall be prepared in accordance with generally accepted accounting principles.

- D.12. Monitoring. The Contractor's activities conducted and records maintained pursuant to this Contract shall be subject to monitoring and evaluation by the State, the Comptroller of the Treasury, or their duly appointed representatives.
- D.13. Progress Reports. The Contractor shall submit brief, periodic, progress reports to the State as requested.
- D.14. Strict Performance. Failure by any Party to this Contract to require, in any one or more cases, the strict performance of any of the terms, covenants, conditions, or provisions of this Contract shall not be construed as a waiver or relinquishment of any term, covenant, condition, or provision. No term or condition of this Contract shall be held to be waived, modified, or deleted except by a written amendment signed by the Parties.
- D.15. Independent Contractor. The Parties shall not act as employees, partners, joint venturers, or associates of one another. The Parties are independent contracting entities. Nothing in this Contract shall be construed to create an employer/employee relationship or to allow either Party to exercise control or direction over the manner or method by which the other transacts its business affairs or provides its usual services. The employees or agents of one Party are not employees or agents of the other Party.
- D.16. Patient Protection and Affordable Care Act. The Contractor agrees that it will be responsible for compliance with the Patient Protection and Affordable Care Act ("PPACA") with respect to itself and its employees, including any obligation to report health insurance coverage, provide health insurance coverage, or pay any financial assessment, tax, or penalty for not providing health insurance. The Contractor shall indemnify the State and hold it harmless from any costs to the State arising from Contractor's failure to fulfill its PPACA responsibilities for itself or its employees.
- D.17. Limitation of State's Liability. The State shall have no liability except as specifically provided in this Contract. In no event will the State be liable to the Contractor or any other party for any lost revenues, lost profits, loss of business, decrease in the value of any securities or cash position, time, goodwill, or any indirect, special, incidental, punitive, exemplary or consequential damages of any nature, whether based on warranty, contract, statute, regulation, tort (including but not limited to negligence), or any other legal theory that may arise under this Contract or otherwise. The State's total liability under this Contract (including any exhibits, schedules, amendments or other attachments to the Contract) or otherwise shall under no circumstances exceed the Maximum Liability. This limitation of liability is cumulative and not per incident.
- D.18. Limitation of Contractor's Liability. In accordance with Tenn. Code Ann. § 12-3-701, the Contractor's liability for all claims arising under this Contract shall be limited to an amount equal to two (2) times the Maximum Liability amount detailed in Section C.1. and as may be amended, PROVIDED THAT in no event shall this Section limit the liability of the Contractor for: (i) intellectual property or any Contractor indemnity obligations for infringement for third-party intellectual property rights; (ii) any claims covered by any specific provision in the Contract providing for liquidated damages; or (iii) any claims for intentional torts, criminal acts, fraudulent conduct, or acts or omissions that result in personal injuries or death. For clarity, except as otherwise expressly set forth in this Section, Contractor's indemnification obligations and other remedies available under this Contract are subject to the limitations on liability set forth in this Section.
- D.19. Hold Harmless. The Contractor agrees to indemnify and hold harmless the State of Tennessee as well as its officers, agents, and employees from and against any and all claims, liabilities, losses, and causes of action which may arise, accrue, or result to any person, firm, corporation, or other entity which may be injured or damaged as a result of acts, omissions, or negligence on

the part of the Contractor, its employees, or any person acting for or on its or their behalf relating to this Contract. The Contractor further agrees it shall be liable for the reasonable cost of attorneys' fees, court costs, expert witness fees, and other litigation expenses for the State to enforce the terms of this Contract.

In the event of any suit or claim, the Parties shall give each other immediate notice and provide all necessary assistance to respond. The failure of the State to give notice shall only relieve the Contractor of its obligations under this Section to the extent that the Contractor can demonstrate actual prejudice arising from the failure to give notice. This Section shall not grant the Contractor, through its attorneys, the right to represent the State in any legal matter, as the right to represent the State is governed by Tenn. Code Ann. § 8-6-106.

- D.20. HIPAA Compliance. The State and Contractor shall comply with obligations under the Health Insurance Portability and Accountability Act of 1996 ("HIPAA"), Health Information Technology for Economic and Clinical Health ("HITECH") Act and any other relevant laws and regulations regarding privacy (collectively the "Privacy Rules"). The obligations set forth in this Section shall survive the termination of this Contract.
- a. Contractor warrants to the State that it is familiar with the requirements of the Privacy Rules, and will comply with all applicable requirements in the course of this Contract.
 - b. Contractor warrants that it will cooperate with the State, including cooperation and coordination with State privacy officials and other compliance officers required by the Privacy Rules, in the course of performance of the Contract so that both parties will be in compliance with the Privacy Rules.
 - c. The State and the Contractor will sign documents, including but not limited to business associate agreements, as required by the Privacy Rules and that are reasonably necessary to keep the State and Contractor in compliance with the Privacy Rules. This provision shall not apply if information received or delivered by the parties under this Contract is NOT "protected health information" as defined by the Privacy Rules, or if the Privacy Rules permit the parties to receive or deliver the information without entering into a business associate agreement or signing another document.
 - d. The Contractor will indemnify the State and hold it harmless for any violation by the Contractor or its subcontractors of the Privacy Rules. This includes the costs of responding to a breach of protected health information, the costs of responding to a government enforcement action related to the breach, and any fines, penalties, or damages paid by the State because of the violation.
- D.21. Tennessee Consolidated Retirement System. Subject to statutory exceptions contained in Tenn. Code Ann. §§ 8-36-801, *et seq.*, the law governing the Tennessee Consolidated Retirement System ("TCRS"), provides that if a retired member of TCRS, or of any superseded system administered by TCRS, or of any local retirement fund established under Tenn. Code Ann. §§ 8-35-101, *et seq.*, accepts State employment, the member's retirement allowance is suspended during the period of the employment. Accordingly, and notwithstanding any provision of this Contract to the contrary, the Contractor agrees that if it is later determined that the true nature of the working relationship between the Contractor and the State under this Contract is that of "employee/employer" and not that of an independent contractor, the Contractor, if a retired member of TCRS, may be required to repay to TCRS the amount of retirement benefits the Contractor received from TCRS during the Term.
- D.22. Tennessee Department of Revenue Registration. The Contractor shall comply with all applicable registration requirements contained in Tenn. Code Ann. §§ 67-6-601 – 608. Compliance with applicable registration requirements is a material requirement of this Contract.
- D.23. Debarment and Suspension. The Contractor certifies, to the best of its knowledge and belief, that it, its current and future principals, its current and future subcontractors and their principals:

- a. are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any federal or state department or agency;
- b. have not within a three (3) year period preceding this Contract been convicted of, or had a civil judgment rendered against them from commission of fraud, or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state, or local) transaction or grant under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification, or destruction of records, making false statements, or receiving stolen property;
- c. are not presently indicted or otherwise criminally or civilly charged by a government entity (federal, state, or local) with commission of any of the offenses detailed in section b. of this certification; and
- d. have not within a three (3) year period preceding this Contract had one or more public transactions (federal, state, or local) terminated for cause or default.

The Contractor shall provide immediate written notice to the State if at any time it learns that there was an earlier failure to disclose information or that due to changed circumstances, its principals or the principals of its subcontractors are excluded, disqualified, or presently fall under any of the prohibitions of sections a-d.

- D.24. Force Majeure. "Force Majeure Event" means fire, flood, earthquake, elements of nature or acts of God, wars, riots, civil disorders, rebellions or revolutions, acts of terrorism or any other similar cause beyond the reasonable control of the Party except to the extent that the non-performing Party is at fault in failing to prevent or causing the default or delay, and provided that the default or delay cannot reasonably be circumvented by the non-performing Party through the use of alternate sources, workaround plans or other means. A strike, lockout or labor dispute shall not excuse either Party from its obligations under this Contract. Except as set forth in this Section, any failure or delay by a Party in the performance of its obligations under this Contract arising from a Force Majeure Event is not a default under this Contract or grounds for termination. The non-performing Party will be excused from performing those obligations directly affected by the Force Majeure Event, and only for as long as the Force Majeure Event continues, provided that the Party continues to use diligent, good faith efforts to resume performance without delay. The occurrence of a Force Majeure Event affecting Contractor's representatives, suppliers, subcontractors, customers or business apart from this Contract is not a Force Majeure Event under this Contract. Contractor will promptly notify the State of any delay caused by a Force Majeure Event (to be confirmed in a written notice to the State within one (1) day of the inception of the delay) that a Force Majeure Event has occurred, and will describe in reasonable detail the nature of the Force Majeure Event. If any Force Majeure Event results in a delay in Contractor's performance longer than forty-eight (48) hours, the State may, upon notice to Contractor: (a) cease payment of the fees for the affected obligations until Contractor resumes performance of the affected obligations; or (b) immediately terminate this Contract or any purchase order, in whole or in part, without further payment except for fees then due and payable. Contractor will not increase its charges under this Contract or charge the State any fees other than those provided for in this Contract as the result of a Force Majeure Event.
- D.25. State and Federal Compliance. The Contractor shall comply with all State and federal laws and regulations applicable to Contractor in the Contractor's performance of this Contract.
- D.26. Governing Law. This Contract shall be governed by and construed in accordance with the laws of the State of Tennessee, without regard to its conflict or choice of law rules. The Tennessee Claims Commission or the state or federal courts in Tennessee shall be the venue for all claims, disputes, or disagreements arising under this Contract. The Contractor acknowledges and agrees that any rights, claims, or remedies against the State of Tennessee or its employees arising under this Contract shall be subject to and limited to those rights and remedies available under Tenn. Code Ann. §§ 9-8-101 - 408.

- D.27. Entire Agreement. This Contract is complete and contains the entire understanding between the Parties relating to its subject matter, including all the terms and conditions of the Parties' agreement. This Contract supersedes any and all prior understandings, representations, negotiations, and agreements between the Parties, whether written or oral.
- D.28. Severability. If any terms and conditions of this Contract are held to be invalid or unenforceable as a matter of law, the other terms and conditions of this Contract shall not be affected and shall remain in full force and effect. The terms and conditions of this Contract are severable.
- D.29. Headings. Section headings of this Contract are for reference purposes only and shall not be construed as part of this Contract.
- D.30. Incorporation of Additional Documents. Each of the following documents is included as a part of this Contract by reference. In the event of a discrepancy or ambiguity regarding the Contractor's duties, responsibilities, and performance under this Contract, these items shall govern in order of precedence below:
- a. any amendment to this Contract, with the latter in time controlling over any earlier amendments;
 - b. this Contract with any attachments or exhibits (excluding the items listed at subsections c. through f., below), which includes Contract Attachments A, B, C, D, E;
 - c. any clarifications of or addenda to the Contractor's proposal seeking this Contract;
 - d. the State solicitation, as may be amended, requesting responses in competition for this Contract;
 - e. any technical specifications provided to proposers during the procurement process to award this Contract; and
 - f. the Contractor's response seeking this Contract.
- D.31. Iran Divestment Act. The requirements of Tenn. Code Ann. § 12-12-101, *et seq.*, addressing contracting with persons as defined at Tenn. Code Ann. §12-12-103(5) that engage in investment activities in Iran, shall be a material provision of this Contract. The Contractor certifies, under penalty of perjury, that to the best of its knowledge and belief that it is not on the list created pursuant to Tenn. Code Ann. § 12-12-106.
- D.32. Insurance. Contractor shall maintain insurance coverage as specified in this Section. The State reserves the right to amend or require additional insurance coverage, coverage amounts, and endorsements required under this Contract. Contractor's failure to maintain or submit evidence of insurance coverage, as required, is a material breach of this Contract. If Contractor loses insurance coverage, fails to renew coverage, or for any reason becomes uninsured during the Term, Contractor shall immediately notify the State. All insurance companies providing coverage must be: (a) acceptable to the State; (b) authorized by the Tennessee Department of Commerce and Insurance ("TDCI"); and (c) rated A- / VII or better by A.M. Best. All coverage must be on a primary basis and noncontributory with any other insurance or self-insurance carried by the State. Contractor agrees to name the State as an additional insured on any insurance policy with the exception of workers' compensation (employer liability) and professional liability (errors and omissions) insurance. All policies must contain an endorsement for a waiver of subrogation in favor of the State. Any deductible or self-insured retention ("SIR") over fifty thousand dollars (\$50,000) must be approved by the State. The deductible or SIR and any premiums are the Contractor's sole responsibility. The Contractor agrees that the insurance requirements specified in this Section do not reduce any liability the Contractor has assumed under this Contract including any indemnification or hold harmless requirements.

To achieve the required coverage amounts, a combination of an otherwise deficient specific policy and an umbrella policy with an aggregate meeting or exceeding the required coverage amounts is acceptable. For example: If the required policy limit under this Contract is for two million dollars (\$2,000,000) in coverage, acceptable coverage would include a specific policy covering one million dollars (\$1,000,000) combined with an umbrella policy for an additional one million dollars (\$1,000,000). If the deficient underlying policy is for a coverage area without aggregate limits (generally Automobile Liability and Employers' Liability Accident), Contractor

shall provide a copy of the umbrella insurance policy documents to ensure that no aggregate limit applies to the umbrella policy for that coverage area. In the event that an umbrella policy is being provided to achieve any required coverage amounts, the umbrella policy shall be accompanied by an endorsement at least as broad as the Insurance Services Office, Inc. (also known as "ISO") "Noncontributory—Other Insurance Condition" endorsement or shall be written on a policy form that addresses both the primary and noncontributory basis of the umbrella policy if the State is otherwise named as an additional insured.

Contractor shall provide the State a certificate of insurance ("COI") evidencing the coverages and amounts specified in this Section. The COI must be on a form approved by the TDCI (standard ACORD form preferred). The COI must list each insurer's National Association of Insurance Commissioners (NAIC) number and be signed by an authorized representative of the insurer. The COI must list the State of Tennessee – CPO Risk Manager, 312 Rosa L. Parks Ave., 3rd floor Central Procurement Office, Nashville, TN 37243 as the certificate holder. Contractor shall provide the COI ten (10) business days prior to the Effective Date and again thirty (30) calendar days before renewal or replacement of coverage. Contractor shall provide the State evidence that all subcontractors maintain the required insurance or that subcontractors are included under the Contractor's policy. At any time, the State may require Contractor to provide a valid COI. The Parties agree that failure to provide evidence of insurance coverage as required is a material breach of this Contract. If Contractor self-insures, then a COI will not be required to prove coverage. Instead, Contractor shall provide a certificate of self-insurance or a letter, on Contractor's letterhead, detailing its coverage, policy amounts, and proof of funds to reasonably cover such expenses. The State reserves the right to require complete copies of all required insurance policies, including endorsements required by these specifications, at any time.

The State agrees that it shall give written notice to the Contractor as soon as practicable after the State becomes aware of any claim asserted or made against the State, but in no event later than thirty (30) calendar days after the State becomes aware of such claim. The failure of the State to give notice shall only relieve the Contractor of its obligations under this Section to the extent that the Contractor can demonstrate actual prejudice arising from the failure to give notice. This Section shall not grant the Contractor or its insurer, through its attorneys, the right to represent the State in any legal matter, as the right to represent the State is governed by Tenn. Code Ann. § 8-6-106.

The insurance obligations under this Contract shall be: (1)—all the insurance coverage and policy limits carried by the Contractor; or (2)—the minimum insurance coverage requirements and policy limits shown in this Contract; whichever is greater. Any insurance proceeds in excess of or broader than the minimum required coverage and minimum required policy limits, which are applicable to a given loss, shall be available to the State. No representation is made that the minimum insurance requirements of the Contract are sufficient to cover the obligations of the Contractor arising under this Contract. The Contractor shall obtain and maintain, at a minimum, the following insurance coverages and policy limits.

a. Commercial General Liability ("CGL") Insurance

- 1) The Contractor shall maintain CGL, which shall be written on an ISO Form CG 00 01 occurrence form (or a substitute form providing equivalent coverage) and shall cover liability arising from property damage, premises and operations products and completed operations, bodily injury, personal and advertising injury, and liability assumed under an insured contract (including the tort liability of another assumed in a business contract).
The Contractor shall maintain single limits not less than one million dollars (\$1,000,000) per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this policy or location of occurrence or the general aggregate limit shall be twice the required occurrence limit.

b. Workers' Compensation and Employer Liability Insurance

- 1) For Contractors statutorily required to carry workers' compensation and employer liability insurance, the Contractor shall maintain:
 - i. Workers' compensation in an amount not less than one million dollars (\$1,000,000) including employer liability of one million dollars (\$1,000,000) per accident for bodily injury by accident, one million dollars (\$1,000,000) policy limit by disease, and one million dollars (\$1,000,000) per employee for bodily injury by disease.
- 2) If the Contractor certifies that it is exempt from the requirements of Tenn. Code Ann. §§ 50-6-101 – 103, then the Contractor shall furnish written proof of such exemption for one or more of the following reasons:
 - i. The Contractor employs fewer than five (5) employees;
 - ii. The Contractor is a sole proprietor;
 - iii. The Contractor is in the construction business or trades with no employees;
 - iv. The Contractor is in the coal mining industry with no employees;
 - v. The Contractor is a state or local government; or
 - vi. The Contractor self-insures its workers' compensation and is in compliance with the TDCI rules and Tenn. Code Ann. § 50-6-405.

c. Automobile Liability Insurance

- 1) The Contractor shall maintain automobile liability insurance which shall cover liability arising out of any automobile (including owned, leased, hired, and non-owned automobiles).
- 2) The Contractor shall maintain bodily injury/property damage with a limit not less than one million dollars (\$1,000,000) per occurrence or combined single limit.

d. Technology Professional Liability (Errors & Omissions)/Cyber Liability Insurance

- 1) The Contractor shall maintain technology professional liability (errors & omissions)/cyber liability insurance appropriate to the Contractor's profession in an amount not less than ten million dollars (\$10,000,000) per occurrence or claim and ten million dollars (\$10,000,000) annual aggregate, covering all acts, claims, errors, omissions, negligence, infringement of intellectual property (including copyright, patent and trade secret); network security and privacy risks, including but not limited to unauthorized access, failure of security, information theft, damage to destruction of or alteration of electronic information, breach of privacy perils, wrongful disclosure and release of private information, collection, or other negligence in the handling of confidential information, and including coverage for related regulatory fines, defenses, and penalties.
- 2) Such coverage shall include data breach response expenses, in an amount not less than ten million dollars (\$10,000,000) and payable whether incurred by the State or Contractor, including but not limited to consumer notification, whether or not required by law, computer forensic investigations, public relations and crisis management firm fees, credit file or identity monitoring or remediation services

and expenses in the performance of services for the State or on behalf of the State hereunder.

e. Crime Insurance

- 1) The Contractor shall maintain crime insurance, which shall be written on a "loss sustained form" or "loss discovered form" providing coverage for third party fidelity, including cyber theft and extortion. The policy must allow for reporting of circumstances or incidents that may give rise to future claims, include an extended reporting period of no less than two (2) years with respect to events which occurred but were not reported during the term of the policy, and not contain a condition requiring an arrest or conviction.
- 2) Any crime insurance policy shall have a limit not less than one million dollars (\$1,000,000) per claim and one million dollars (\$1,000,000) in the aggregate. Any crime insurance policy shall contain a Social Engineering Fraud Endorsement with a limit of not less than two hundred and fifty thousand dollars (\$250,000). This insurance may be written on a claims-made basis, but in the event that coverage is cancelled or non-renewed, the Contractor shall purchase an extended reporting or "tail coverage" of at least two (2) years after the Term.

D.33. Major Procurement Contract Sales and Use Tax. Pursuant to Tenn. Code Ann. § 4-39-102 and to the extent applicable, the Contractor and the Contractor's subcontractors shall remit sales and use taxes on the sales of goods or services that are made by the Contractor or the Contractor's subcontractors and that are subject to tax.

D.34. Confidentiality of Records. Strict standards of confidentiality of records and information shall be maintained in accordance with applicable state and federal law. All material and information, regardless of form, medium or method of communication, provided to the Contractor by the State or acquired by the Contractor on behalf of the State that is regarded as confidential under state or federal law shall be regarded as "Confidential Information." Nothing in this Section shall permit Contractor to disclose any Confidential Information, regardless of whether it has been disclosed or made available to the Contractor due to intentional or negligent actions or inactions of agents of the State or third parties. Confidential Information shall not be disclosed except as required or permitted under state or federal law. Contractor shall take all necessary steps to safeguard the confidentiality of such material or information in conformance with applicable state and federal law.

The obligations set forth in this Section shall survive the termination of this Contract.

D.35. Boycott of Israel. The Contractor certifies that it is not currently engaged in, and covenants that it will not, for the duration of the Contract, engage in a Boycott of Israel, as that term is defined in Tenn. Code Ann. § 12-4-119.

E. SPECIAL TERMS AND CONDITIONS:

E.1. Conflicting Terms and Conditions. Should any of these special terms and conditions conflict with any other terms and conditions of this Contract, the special terms and conditions shall be subordinate to the Contract's other terms and conditions.

E.2. Contractor Commitment to Diversity. The Contractor shall comply with and make reasonable business efforts to exceed the commitment to diversity represented by the Contractor's Response to Solicitation #40100-50925 (RFP Attachment 6.2 Section B-B.15.) and resulting in this Contract.

The Contractor shall assist the State in monitoring the Contractor's performance of this commitment by providing, as requested, a monthly report of participation in the performance of this Contract by small business enterprises and businesses owned by minorities, women, service-disabled veterans, and persons with disabilities. Such reports shall be provided to the State of Tennessee Governor's Office of Diversity Business Enterprise in the TN Diversity Software

available online at:

<https://tn.diversitysoftware.com/FrontEnd/StartCertification.asp?TN=tn&XID=9810>.

- E.3. Additional lines, items, or options. At its sole discretion, the State may make written requests to the Contractor to add lines, items, or options that are needed and within the Scope but were not included in the original Contract. Such lines, items, or options will be added to the Contract through a Memorandum of Understanding (“MOU”), not an amendment.
- a. After the Contractor receives a written request to add lines, items, or options, the Contractor shall have ten (10) business days to respond with a written proposal. The Contractor’s written proposal shall include:
 - (1) The effect, if any, of adding the lines, items, or options on the other goods or services required under the Contract;
 - (2) Any pricing related to the new lines, items, or options;
 - (3) The expected effective date for the availability of the new lines, items, or options; and
 - (4) Any additional information requested by the State.
 - b. The State may negotiate the terms of the Contractor’s proposal by requesting revisions to the proposal.
 - c. To indicate acceptance of a proposal, the State will sign it. The signed proposal shall constitute a MOU between the Parties, and the lines, items, or options shall be incorporated into the Contract as if set forth verbatim.
 - d. Only after a MOU has been executed shall the Contractor perform or deliver the new lines, items, or options.
- E.4. State Ownership of Goods. The State shall have ownership, right, title, and interest in all goods provided by Contractor under this Contract including full rights to use the goods and transfer title in the goods to any third parties.
- E.5. Intellectual Property Indemnity. The Contractor agrees to indemnify and hold harmless the State of Tennessee as well as its officers, agents, and employees from and against any and all claims or suits which may be brought against the State concerning or arising out of any claim of an alleged patent, copyright, trade secret or other intellectual property infringement. In any such claim or action brought against the State, the Contractor shall satisfy and indemnify the State for the amount of any settlement or final judgment, and the Contractor shall be responsible for all legal or other fees or expenses incurred by the State arising from any such claim. The State shall give the Contractor notice of any such claim or suit, however, the failure of the State to give such notice shall only relieve Contractor of its obligations under this Section to the extent Contractor can demonstrate actual prejudice arising from the State’s failure to give notice. This Section shall not grant the Contractor, through its attorneys, the right to represent the State of Tennessee in any legal matter, as provided in Tenn. Code Ann. § 8-6-106.
- E.6. Software License Warranty. Contractor grants a license to the State to use all software provided under this Contract in the course of the State’s business and purposes.
- E.7. Software Support and Maintenance Warranty. Contractor shall provide to the State all software upgrades, modifications, bug fixes, or other improvements in its software that it makes generally available to its customers.
- E.8. Extraneous Terms and Conditions. Contractor shall fill all orders submitted by the State under this Contract. No purchase order, invoice, or other documents associated with any sales, orders, or supply of any good or service under this Contract shall contain any terms or conditions other than as set forth in the Contract. Any such extraneous terms and conditions shall be void, invalid and unenforceable against the State. Any refusal by Contractor to supply any goods or services under this Contract conditioned upon the State submitting to any extraneous terms and conditions shall be a material breach of the Contract and constitute an act of bad faith by Contractor.
- E.9. Transfer of Ownership of Custom Software Developed for the State.

a. Definitions.

- (1) "Contractor-Owned Software," shall mean commercially available software the rights to which are owned by Contractor, including but not limited to commercial "off-the-shelf" software which is not developed using State's money or resources.
- (2) "Custom-Developed Application Software," shall mean customized application software developed by Contractor for the State under this Contract intended to function with the Contractor-Owned Software or any Work Product provided under this Contract.
- (3) "Rights Transfer Application Software," shall mean any pre-existing application software and documentation owned or supplied by Contractor or a third party necessary for the use, functioning, support, or maintenance of the Contractor-Owned Software, the Custom-Developed Application Software, Third Party Software, and any Work Product provided to State.
- (4) "Third-Party Software," shall mean software supplied by Contractor under this Contract or necessary for the functioning of any Work Product not owned by the State or the Contractor.
- (5) "Work Product," shall mean all deliverables such as software, software source code, documentation, planning, etc., that are created, designed, developed, or documented by the Contractor for the State under this Contract. Work Product shall include Rights Transfer Application Software.

b. Rights and Title to the Software

- (1) All right, title and interest in and to the Contractor-Owned Software shall at all times remain with Contractor, subject to any license or transfer of rights or ownership granted under this Contract. Contractor grants the State a perpetual non-exclusive license to the Contractor-Owned Software to be used solely with the Custom-Developed Application Software and the Work Product.
- (2) Contractor shall provide the source code in the Custom-Developed Application Software, Work Product and the Contractor-Owned Software, with all subsequent modifications, enhancements, bug-fixes or any other changes in the source code of the Work Product and the Contractor-Owned Software and all other code and documentation necessary for the Custom-Developed Application Software to be installed and function as intended and as set forth in this Contract, to the State.
- (3) Contractor may lease or sell the Custom-Developed Application Software to third parties with the written permission of the State, which permission may be conditioned on the State receiving royalties from such sales or licenses.
- (4) All right, title and interest in and to the Custom-Developed Application Software, and to modifications thereof made by State, including without limitation all copyrights, patents, trade secrets and other intellectual property and other proprietary rights embodied by and arising out of the Custom-Developed Application Software, shall belong to State. To the extent such rights do not automatically belong to State, Contractor hereby assigns, transfers, and conveys all right, title and interest in and to the Custom-Developed Application Software, including without limitation the copyrights, patents, trade secrets, and other intellectual property rights arising out of or embodied by the Custom-Developed Application Software. Contractor and its employees, agents, contractors or representatives shall execute any other documents that State or its counsel deem necessary or desirable to document this transfer or allow State to register its claims and rights to such intellectual property rights or enforce them against third parties.

(5) All right, title and interest in and to the Third-Party Software shall at all times remain with the third party, subject to any license or other rights granted to the State under this Contract or otherwise.

c. The Contractor may use for its own purposes the general knowledge, skills, experience, ideas, concepts, know-how, and techniques obtained and used during the course of performing under this Contract. The Contractor may develop for itself, or for others, materials which are similar to or competitive with those that are produced under this Contract.

E.10. Prohibited Advertising or Marketing. Contractor shall not suggest or imply in advertising or marketing materials that Contractor's goods or services are endorsed by the State. The restrictions on Contractor advertising or marketing materials under this Section shall survive the termination of this Contract.

E.11. Personally Identifiable Information. While performing its obligations under this Contract, Contractor may have access to Personally Identifiable Information held by the State ("PII"). For the purposes of this Contract, "PII" includes "Nonpublic Personal Information" as that term is defined in Title V of the Gramm-Leach-Bliley Act of 1999 or any successor federal statute, and the rules and regulations thereunder, all as may be amended or supplemented from time to time ("GLBA") and personally identifiable information and other data protected under any other applicable laws, rule or regulation of any jurisdiction relating to disclosure or use of personal information ("Privacy Laws"). Contractor agrees it shall not do or omit to do anything which would cause the State to be in breach of any Privacy Laws. Contractor shall, and shall cause its employees, agents and representatives to: (i) keep PII confidential and may use and disclose PII only as necessary to carry out those specific aspects of the purpose for which the PII was disclosed to Contractor and in accordance with this Contract, GLBA and Privacy Laws; and (ii) implement and maintain appropriate technical and organizational measures regarding information security to: (A) ensure the security and confidentiality of PII; (B) protect against any threats or hazards to the security or integrity of PII; and (C) prevent unauthorized access to or use of PII. Contractor shall immediately notify State: (1) of any disclosure or use of any PII by Contractor or any of its employees, agents and representatives in breach of this Contract; and (2) of any disclosure of any PII to Contractor or its employees, agents and representatives where the purpose of such disclosure is not known to Contractor or its employees, agents and representatives. The State reserves the right to review Contractor's policies and procedures used to maintain the security and confidentiality of PII and Contractor shall, and cause its employees, agents and representatives to, comply with all reasonable requests or directions from the State to enable the State to verify or ensure that Contractor is in full compliance with its obligations under this Contract in relation to PII. Upon termination or expiration of the Contract or at the State's direction at any time in its sole discretion, whichever is earlier, Contractor shall immediately return to the State any and all PII which it has received under this Contract and shall destroy all records of such PII.

The Contractor shall report to the State any instances of unauthorized access to or potential disclosure of PII in the custody or control of Contractor ("Unauthorized Disclosure") that come to the Contractor's attention. Any such report shall be made by the Contractor within twenty-four (24) hours after the Unauthorized Disclosure has come to the attention of the Contractor. Contractor shall take all necessary measures to halt any further Unauthorized Disclosures. The Contractor, at the sole discretion of the State, shall provide no cost credit monitoring services for individuals whose PII was affected by the Unauthorized Disclosure. The Contractor shall bear the cost of notification to all individuals affected by the Unauthorized Disclosure, including individual letters and public notice. The remedies set forth in this Section are not exclusive and are in addition to any claims or remedies available to this State under this Contract or otherwise available at law. The obligations set forth in this Section shall survive the termination of this Contract.

E.12. Survival. The terms, provisions, representations, and warranties contained in this Contract which by their sense and context are intended to survive the performance and termination of this Contract, shall so survive the completion of performance and termination of this Contract.

IN WITNESS WHEREOF,

CONTRACTOR LEGAL ENTITY NAME:

CONTRACTOR SIGNATURE

DATE

PRINTED NAME AND TITLE OF CONTRACTOR SIGNATORY (above)

TENNESSEE DEPARTMENT OF TRANSPORTATION:

HOWARD H. ELEY, COMMISSIONER

DATE

APPROVED AS TO FORM AND LEGALITY:

JOHN REINBOLD, GENERAL COUNSEL

DATE

ATTESTATION RE PERSONNEL USED IN CONTRACT PERFORMANCE

SUBJECT CONTRACT NUMBER:	
CONTRACTOR LEGAL ENTITY NAME:	
EDISON VENDOR IDENTIFICATION NUMBER:	

The Contractor, identified above, does hereby attest, certify, warrant, and assure that the Contractor shall not knowingly utilize the services of an illegal immigrant in the performance of this Contract and shall not knowingly utilize the services of any subcontractor who will utilize the services of an illegal immigrant in the performance of this Contract.

CONTRACTOR SIGNATURE

NOTICE: This attestation MUST be signed by an individual empowered to contractually bind the Contractor. Attach evidence documenting the individual's authority to contractually bind the Contractor, unless the signatory is the Contractor's chief executive or president.

PRINTED NAME AND TITLE OF SIGNATORY

DATE OF ATTESTATION

**Field Names & Field Descriptions
for the State TRIMS
or Other State Designated Database**

FIELD NAME	FIELD DESCRIPTION
CC T RRRR S Q D RAMPX	Format for the 15 Character ID number
CC	County
T	Route Type
RRRRR	Route Number - 4 digits for the route number
S	Supplemental Code - Single alphanumeric character to take the place of Special Case and include new codes
Q	County Sequence
D	Direction (P for Positive Direction of Inventory, N for Negative)
RAMPX	Ramp Identifier - 5 characters. 4 for the exit number, 1 for the leg identifier. Non-ramps will have zeros.
Route Types	(see T above)
I	Interstate
S	State Route
F	Functional/Federal Aid/Arterials and Collectors/Other
L	Local Road
P	Private Road
K	Park - This is for when the entire route is a park (such as Natchez Trace (0E500))

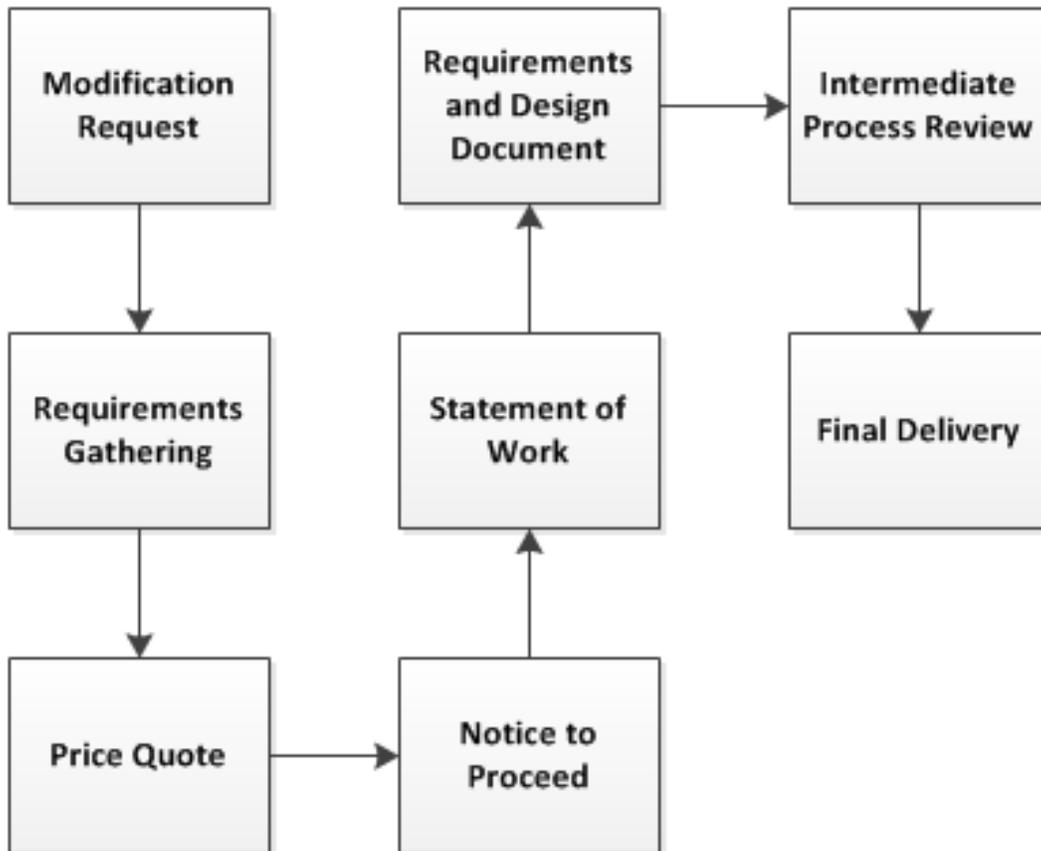
Description of Deliverables For HSIP-PREP Implementation

Deliverables:

- A. Contractor project plan and Schedule approved in writing by the State in accordance with Contract section A.16a.
- B. Contractor comprehensive test plan approved in writing by the State for all HSIP-PREP functionality in accordance with Contract section A.16.b.
- C. Testing Completed in accordance with Contract sections A.16.c, A.16.d, and A.16.e.
- D. Perpetual HSIP-PREP training established and made available to the State, Prime Contractor and subcontractor personnel; and training documentation delivered to the State in electronic format in accordance with Contract section A.16.c.
- E. HSIP-PREP Go-live for HSIP-PREP in accordance with Contract section A.16.g.
- F. Successful completion of 60-day Burn-In Period in accordance with Contract section A.16.h.

HSIP-PREP Change Order Process

Workflow



HSIP-PREP Change Order Process

Phase 1 – Modification Request

The State shall submit modification request(s) to the Contractor to initiate a possible change order. These modification requests may include applicable attachments depending on the complexity. The Contractor shall have a minimum of seven (7) days to review the modification request before the formal requirements gathering session.

Phase 2 – Requirements Gathering

The Contractor's requirements gathering process involves determining the needs or conditions to meet for a new or altered product, taking into account of the possibility of conflicting requirements of the various stakeholders. This process shall include establishing a software enhancement development and release schedule based on a prioritized backlog of work. The requirements must be actionable, measurable, testable, related to identified business needs or opportunities, and defined to a level of detail sufficient for system design.

Phase 3 – Price Quote

The Contractor shall submit a price quote for each modification request. The Contractor shall not combine modification requests into a single price quote without permission from the State. Alternatively, the State may request more than one modification request be combined into a single price quote. All price quotes from the Contractor must include applicable assumptions, hours by labor category, and adhere to the change order rate schedule in Contract Section C.3.

Phase 4 – Notice to Proceed

The State shall, at its sole discretion, decide which modification request will be performed by the Contractor. The State will issue a Notice to Proceed to authorize the Contractor to proceed with the change order.

Phase 5 – Statement of Work

The Contractor shall provide a written Statement of Work to include an objective, scope, detailed definition of the task, prioritized project schedule, and product deliverables with associated payment schedule.

Upon approval and signature of Statement of Work by the State, the Contractor can proceed with the Requirements and Design Document for the change order.

Phase 6 – Requirements and Design Document

The Contractor shall provide:

- A. Requirements and Design document consisting of software requirements, software design, and database design sections. The software requirements section lists each software addition, change, or deletion with a brief synopsis. The software design section includes the detailed steps (may include example screen shots where needed) required to achieve the software design requirements. The database design section includes proposed changes to the database structure.
- B. Traceability Matrix which matches software design with software requirements. This document demonstrates how the software meets the State's acceptance criteria.
- C. Schedule identifying the tasks. A schedule may be requested by the State at any time during the change order and shall be provided by the Contractor. The Contractor shall deliver an updated schedule whenever changes are made to the original schedule.

The Contractor shall deliver the Requirements and Design Document via email at least (3) three business days before the scheduled review with the State.

Phase 7 – Intermediate Review

If the change order includes incremental development stages, a review will be conducted by the State at the end of each prescribed interval to ensure product is adhering to acceptance criteria during development and will be subject to successful User Acceptance Testing (UAT).

Deliverables:

The Contractor shall provide media that must include:

- 1. Documents folder containing the final change order design.
- 2. Software release folder containing release notes.
- 3. Contractor may include other folders/files as appropriate.

Phase 8 – Final Delivery

Deliverables:

- 1. The Contractor shall provide media that must include:
 - a. Documents folder containing the final change order design.
 - i. Statement of Work
 - ii. Requirements and Design Document
 - iii. Release notes describing Date of release, version number, description of new, modified or deleted features, and any additional notes
 - b. Contractor may include other folders/files as appropriate.

Job Titles and Descriptions

- A. Junior Developer – Involved with developing, designing, and building databases and creating applications. Possesses specialized knowledge related to computer programs, (e.g. SQL Server, ITS Architectures, etc.), writing and designing of complex business applications.
- B. Senior Developer - Responsible for developing, designing, and building databases and creating applications. Possesses specialized knowledge related to computer programs, (e.g. SQL Server, ITS Architectures, etc.), writing and designing of complex business applications. Developers at this level may oversee the work of Junior Developers and other computer technicians.
- C. Junior Architect - This position requires a Bachelor’s Degree in Data Science. Data Scientists at this level work at the general supervision of a senior data scientists. This position uses analytical, statistical, and programming skills to collect large data sets. They develop data-driven solutions explicitly tailored toward the needs of an organization.
- D. Senior Architect - This position requires a minimum of 5 years of experience in Data Management. Data Scientists at this level coordinate the work of team members and manage project budgets.
- E. Project Manager - This position requires at least 8 years of project management experience with exposure to a variety of planning projects and a good understanding of project management concepts. The project manager will set overall objectives, prioritize critical issues and policy matters. The project manager may directly implement smaller projects or phases and tasks within large projects through supervising, coordinating and reviewing the work of the subordinates.
- F. Senior Project Manager - This position requires at least 10 years of project management experience with exposure to a variety of planning projects and a good understanding of project management concepts. The project manager will set overall objectives, prioritize critical issues and policy matters. The project manager may directly implement smaller projects or phases large projects as well as guiding the larger project through supervising, coordinating and reviewing the work of the subordinates.
- G. Business Analyst – Business Analysts gather and analyze data to form business insights and suggest solutions for improvement in support of business projects. The position identifies issues in the IT processes of a business or organization.
- H. Technical Writer – Responsible for determining the most concise and logical way to present information for effective reader comprehension. Meets with subject-matter experts to ensure IT topics are appropriately addressed. Analyzes information needed for developing and updating policy, procedure and form documentation.