



Public Service Department
112 State Street, 2th Floor | Montpelier VT 05602
<https://publicservice.vermont.gov/>

SEALED BID
REQUEST FOR PROPOSAL
Mobile Wireless Testing Support

ISSUE DATE	July, 15, 2024
QUESTIONS DUE	July 29, 2024 – 4:30pm (EST)
RFP RESPONSES DUE BY	August 9, 2024 – 4:30 PM (EST)

PLEASE BE ADVISED THAT ALL NOTIFICATIONS, RELEASES, AND ADDENDUMS ASSOCIATED WITH THIS RFP WILL BE POSTED AT:

<http://www.bgs.state.vt.us/pca/bids/bids.php>

THE STATE WILL MAKE NO ATTEMPT TO CONTACT INTERESTED PARTIES WITH UPDATED INFORMATION. IT IS THE RESPONSIBILITY OF EACH BIDDER TO PERIODICALLY CHECK THE ABOVE WEB PAGE FOR ANY AND ALL NOTIFICATIONS, RELEASES AND ADDENDUMS ASSOCIATED WITH THIS RFP.

STATE CONTACTS: Hunter Thompson, Director of Telecommunications and Connectivity
E-MAIL: PSD.Telecom@vermont.gov

1. OVERVIEW:

- 1.1. **SCOPE AND BACKGROUND:** Through this Request for Proposal (RFP) the Vermont Public Service Department (hereinafter the "State") is seeking to establish contracts with one or more companies that can provide Mobile Wireless Testing Support.
- 1.2. **CONTRACT PERIOD:** Contracts arising from this RFP will be for a period of **24 MONTHS** with an option to renew for up to two additional 3-month periods. The State anticipates the start date for such contract(s) will be September 2024.
- 1.3. **SINGLE POINT OF CONTACT:** All communications concerning this RFP are to be addressed in writing to the State Contact listed on the front page of this RFP. Actual or attempted contact with any other individual from the State concerning this RFP is strictly prohibited and may result in disqualification.
- 1.4. **BIDDERS' CONFERENCE:** A bidders' conference will not be held.
- 1.5. **QUESTION AND ANSWER PERIOD:** Any bidder requiring clarification of any section of this RFP or wishing to comment on any requirement of the RFP must submit specific questions in writing no later than the deadline for question indicated on the first page of this RFP. Questions may be e-mailed to the point of contact on the front page of this RFP. Questions or comments not raised in writing on or before the last day of the question period are thereafter waived. At the close of the question period a copy of all questions or comments and the State's responses will be posted on the State's web site <http://www.bgs.state.vt.us/pca/bids/bids.php> . Every effort will be made to post this information as soon as possible after the question period ends, contingent on the number and complexity of the questions. All information provided by vendors during this process will be public and bidders shall not provide confidential information, except as described in 4.1 below.
- 1.6. **CHANGES TO THIS RFP:** Any modifications to this RFP will be made in writing by the State through the issuance of an Addendum to this RFP and posted online at <http://www.bgs.state.vt.us/pca/bids/bids.php> . Modifications from any other source are not to be considered.

2. DETAILED REQUIREMENTS/DESIRED OUTCOMES:

The Department of Public Service (PSD) is an agency within the Executive Branch of Vermont state government and is charged with representing the public interest in energy, telecommunications, water and wastewater utility matters.

The State seeks to determine the deployment and quality of Cellular Mobile Radio Service (CMRS) throughout Vermont. This effort is primarily aimed at the identification of state highway road segments where reliable voice service is not available.

The State seeks support to evaluate the proposed methodology and adjust it as necessary and seeks a vendor to provide the consulting, software, and services necessary to accomplish the testing.

The State expects to conduct drive testing along federal-aid highways, state highways, and other major and minor thoroughfares throughout the state. The State will partner with various state and local agencies, private sector partners, and others. The State seeks a contractor to provide software and support to collect data on the availability and quality of wireless services during these state-conducted drive tests. The tests will be conducted on facilities-based carriers operating in Vermont, including AT&T, FirstNet, T-Mobile, Verizon, and US Cellular, with driving at approximately 40 MPH with all phones or other testing devices running data sequences during all drive tests. It is anticipated that the initial data collection will be 3 months, followed by quarterly incremental updates. The project is expected to be completed approximately 12 months from the start date. Even though the project is expected to be completed within 12 months, the proposal should allow for testing to continue through the full term as requested.

3. GENERAL REQUIREMENTS:

- 3.1. **PRICING:** Bidders must price the terms of this solicitation at their best pricing. Any and all costs that Bidder wishes the State to consider must be submitted for consideration. If applicable, all equipment pricing is to include F.O.B. delivery to the ordering facility. No request for extra delivery cost will be honored. All equipment shall be delivered assembled, serviced, and ready for immediate use, unless otherwise requested by the State.

- 3.1.1. Prices and/or rates shall remain firm for the initial term of the contract. The pricing policy submitted by Bidder must (i) be clearly structured, accountable, and auditable and (ii) cover the full spectrum of materials and/or services required.
- 3.1.2. **Cooperative Agreements.** Bidders that have been awarded similar contracts through a competitive bidding process with another state and/or cooperative are welcome to submit the pricing in response to this solicitation.
- 3.1.3. Pricing should include options such as the following:
 - 3.1.3.1. **The initial bid should be priced as a 12 mo project. Please include optional quarterly pricing thereafter, as a separate line item for up to four quarters.**
 - 3.1.3.2. Pricing for Consulting, test software support, and deliverables. On one or both: Android/iPhone. (If the cost varies between platforms, please itemize the options in separate break-outs for Android vs iPhone.
 - 3.1.3.3. As a separate bid option, the bidder may also include complete turnkey solution pricing, including hardware/test equipment, software support, server resources, data collection and data deliverables.
 - 3.1.3.4. Any test equipment (if not individual smartphones) must match a consumer experience. And offer a reliable non-technical testing start/stop.
- 3.2. **STATEMENT OF RIGHTS:** The State shall have the authority to evaluate Responses and select the Bidder(s) as may be determined to be in the best interest of the State and consistent with the goals and performance requirements outlined in this RFP. The State of Vermont reserves the right to obtain clarification or additional information necessary to properly evaluate a proposal. Failure of bidder to respond to a request for additional information or clarification could result in rejection of that bidder's proposal. To secure a project that is deemed to be in the best interest of the State, the State reserves the right to accept or reject any and all bids, in whole or in part, with or without cause, and to waive technicalities in submissions. The State also reserves the right to make purchases outside of the awarded contracts where it is deemed in the best interest of the State.
 - 3.2.1. **Best and Final Offer (BAFO).** At any time after submission of Responses and prior to the final selection of Bidder(s) for Contract negotiation or execution, the State may invite Bidder(s) to provide a BAFO. The state reserves the right to request BAFOs from only those Bidders that meet the minimum qualification requirements and/or have not been eliminated from consideration during the evaluation process.
 - 3.2.2. **Presentation.** An in-person or webinar presentation by the Bidder may be required by the State if it will help the State's evaluation process. The State will factor information presented during presentations into the evaluation. Bidders will be responsible for all costs associated with providing the presentation.
- 3.3. **WORKER CLASSIFICATION COMPLIANCE REQUIREMENTS:** In accordance with Section 32 of The Vermont Recovery and Reinvestment Act of 2009 (Act No. 54), Bidders must comply with the following provisions and requirements.
 - 3.3.1. Self Reporting: For bid amounts exceeding \$250,000.00, Bidder shall complete the appropriate section in the attached Certificate of Compliance for purposes of self-reporting information relating to past violations, convictions, suspensions, and any other information related to past performance relative to coding and classification of workers. The State is requiring information on any violations that occurred in the previous 12 months.
 - 3.3.2. Subcontractor Reporting: For bid amounts exceeding \$250,000.00, Bidders are hereby notified that upon award of contract, and prior to contract execution, the State shall be provided with a list of all proposed subcontractors and subcontractors' subcontractors, together with the identity of those subcontractors' workers compensation insurance providers, and additional required or requested information, as applicable, in accordance with Section 32 of The Vermont Recovery and Reinvestment Act of 2009 (Act No. 54). This requirement does not apply to subcontractors providing supplies only and no labor to the overall contract or project. This list MUST be updated and provided

to the State as additional subcontractors are hired. A sample form is available online at <http://bgs.vermont.gov/purchasing-contracting/forms>. **The subcontractor reporting form is not required to be submitted with the bid response.**

3.4. EXECUTIVE ORDER 05-16: CLIMATE CHANGE CONSIDERATIONS IN STATE PROCUREMENTS:

For bid amounts exceeding \$25,000.00 Bidders are requested to complete the Climate Change Considerations in State Procurements Certification, which is included in the Certificate of Compliance for this RFP.

After consideration of all relevant factors, a bidder that demonstrates business practices that promote clean energy and address climate change as identified in the Certification, shall be given favorable consideration in the competitive bidding process. Such favorable consideration shall be consistent with and not supersede any preference given to resident bidders of the State and/or products raised or manufactured in the State, as explained in the Method of Award section. But, such favorable consideration shall not be employed if prohibited by law or other relevant authority or agreement.

3.5. METHOD OF AWARD: Awards will be made in the best interest of the State. The State may award one or more contracts and reserves the right to make additional awards to other compliant bidders at any time if such award is deemed to be in the best interest of the State. All other considerations being equal, preference will be given first to resident bidders of the state and/or to products raised or manufactured in the state, and then to bidders who have practices that promote clean energy and address climate change, as identified in the applicable Certificate of Compliance.

3.5.1. Evaluation Criteria: Consideration shall be given to the Bidder's project approach and methodology, qualifications and experience, ability to provide the services within the defined timeline, cost, and/or success in completing similar projects, as applicable.,

3.6. CONTRACT NEGOTIATION: Upon completion of the evaluation process, the State may select one or more bidders with which to negotiate a contract, based on the evaluation findings and other criteria deemed relevant for ensuring that the decision made is in the best interest of the State. In the event State is not successful in negotiating a contract with a selected bidder, the State reserves the option of negotiating with another bidder, or to end the proposal process entirely.

3.7. COST OF PREPARATION: Bidder shall be solely responsible for all expenses incurred in the preparation of a response to this RFP and shall be responsible for all expenses associated with any presentations or demonstrations associated with this request and/or any proposals made.

3.8. CONTRACT TERMS: The selected bidder(s) will be expected to sign a contract with the State, including the Standard Contract Form and Attachment C as attached to this RFP for reference. If IT Attachment D is included in this RFP, terms may be modified based upon the solution proposed by the Bidder, subject to approval by the Agency of Digital Services.

3.8.1. Business Registration. To be awarded a contract by the State of Vermont a bidder (except an individual doing business in his/her own name) must be registered with the Vermont Secretary of State's office <https://sos.vermont.gov/corporations/registration/> and must obtain a Contractor's Business Account Number issued by the Vermont Department of Taxes <http://tax.vermont.gov/> .

3.8.2. The contract will obligate the bidder to provide the services and/or products identified in its bid, at the prices listed.

3.8.3. Payment Terms. Percentage discounts may be offered for prompt payments of invoices; however, such discounts must be in effect for a period of 30 days or more in order to be considered in making awards.

3.8.4. Retainage. In the discretion of the State, a contract resulting from this RFP may provide that the State withhold a percentage of the total amount payable for some or all deliverables, such retainage to be payable upon satisfactory completion and State acceptance in accordance with the terms and conditions of the contract.

3.8.5. Quality Standards

3.8.5.1. Timeliness - Contractor shall submit drafts, and other work in advance of deadlines to allow adequate time for the Department's review.

- 3.8.5.2. Quality - Contractor shall ensure that any consulting, planning, analysis, recommendations, and written work, is well-written, clear and thorough without need for significant editing by the Department's staff.
- 3.8.5.3. Relationships - Contractor shall work well with Department's staff, partners, opponents, and the general public.
- 3.8.5.4. If applicable, all products provided under a contract with the State will be new and unused, unless otherwise stated. Factory seconds or remanufactured products will not be accepted unless specifically requested by the purchasing agency. All products provided by the contractor must meet all federal, state, and local standards for quality and safety requirements. Products not meeting these standards will be deemed unacceptable and returned to the contractor for credit at no charge to the State.

4. **CONTENT AND FORMAT OF RESPONSES:** The content and format requirements listed below are the minimum requirements for State evaluation. These requirements are not intended to limit the content of a Bidder's proposal. Bidders may include additional information or offer alternative solutions for the State's consideration. However, the State discourages overly lengthy and costly proposals, and Bidders are advised to include only such information in their response as may be relevant to the requirements of this solicitation.

4.1. **Unsolicited Bidder-Confidential Information Prohibited.** Bidders are hereby expressly directed not to include any confidential information in their proposal submissions, except as specifically permitted below, and so marked. By submitting a proposal in response to this RFP, bidders acknowledge and agree to abide by the terms and conditions outlined in this document, including the prohibition on submitting confidential information. This prohibition reduces the burden on the State while preventing bidder-confidential information from entering the public record.

4.1.1. **Disclosure under Public Records Act.** All information received by the State in response to this RFP will become part of the contract file and subject to Vermont public records law. Responses by any bidder may become available to the public once a contract has been executed or otherwise following conclusion of this procurement process, in accordance with the State's Public Records Act, 1 V.S.A. § 315 et seq., or the State may choose to publicly post them.

4.1.2. **Unsolicited Confidential Materials.** This RFP does not solicit bidder confidential information and bidders are expressly prohibited from providing confidential information in response to this RFP. All materials furnished by bidders in response to this RFP, including those marked as confidential by bidders, are subject to disclosure if requested under the Public Records Act, or public posting.

4.1.3. **State Not Responsible for Disclosure of Unmarked Bidder-Confidential Information.** It is the sole responsibility of the bidder to ensure that, other than where specifically directed or permitted by this RFP and accordingly marked as described below, no information that should not be publicly disclosed is included in their proposal materials, including any 1) trade secrets or intellectual property, 2) proprietary financial or business information, 3) personal information, or 4) any other information that should not be disclosed to the public. For example, bidders should avoid including specific details of their proprietary technologies or methodologies that they consider confidential, and any references to previous client engagements should be presented in a manner that does not disclose the client's confidential information.

4.2. The bid should include a Cover Letter and Technical Response and Price Schedule.

4.3. **COVER LETTER:**

4.3.1. **Exceptions to Contract Terms and Conditions.** If a Bidder wishes to propose an exception to any terms and conditions set forth in the Standard Contract Form and its attachments, such exceptions must be included in the cover letter to the RFP response. Failure to note exceptions when responding to the RFP will be deemed to be acceptance of the State contract terms and conditions. If exceptions are not noted in the response to this RFP but raised during contract negotiations, the State reserves the right to cancel the negotiation if deemed to be in the best interests of the State. Note that exceptions to contract terms may cause rejection of the proposal, and that the State's non-rejection of a proposal on this basis does not indicate acceptance of the exceptions.

4.4. **TECHNICAL RESPONSE.** In response to this RFP, a Bidder shall:

- 4.4.1. Provide details concerning your form of business organization, company size and resources.
- 4.4.2. Describe your capabilities and particular experience relevant to the RFP requirements.
 - 4.4.2.1. Identify all current or past State projects.
- 4.4.3. Identify the names of all subcontractors you intend to use, the portions of the work the subcontractors will perform, and address the background and experience of the subcontractor(s), as per RFP section 4.3.2 above.
- 4.5. **REFERENCES.** Provide the names, addresses, and phone numbers of at least three companies with whom you have transacted similar business in the last 12 months. You must include contact names who can talk knowledgeably about performance.
- 4.6. **REPORTING REQUIREMENTS:** Provide a sample of any reporting documentation that may be applicable to the Detailed Requirements of this RFP.
- 4.7. **PRICE SCHEDULE:** Bidders shall submit their pricing information in the Price Schedule attached to the RFP.
- 4.8. **CERTIFICATE OF COMPLIANCE:** This form must be completed and submitted as part of the response for the proposal to be considered valid.

5. SUBMISSION INSTRUCTIONS:

- 5.1. **CLOSING DATE:** Bids must be received by the State by the due date specified on the front page of this RFP. Late bids will not be considered.
 - 5.1.1. The State may, for cause, issue an addendum to change the date and/or time when bids are due. If a change is made, the State will inform all bidders by posting at the webpage indicated on the front page of this RFP.
 - 5.1.2. There will not be a public bid opening. However, the State will record the name, city and state for any and all bids received by the due date.
- 5.2. **STATE SECURITY PROCEDURES: Please be advised extra time will be needed when visiting and/or delivering information to State of Vermont offices. All individuals visiting State offices must present a valid government issued photo ID when entering the facility.**

5.2.1. State office buildings may be locked or otherwise closed to the public.

5.3. BID DELIVERY INSTRUCTIONS:

5.3.1. ELECTRONIC: Electronic bids will be accepted.

5.3.1.1. E-MAIL BIDS. Emailed bids will be accepted. Bids will be accepted via email submission to **PSD.Telecom@vermont.gov**. Bids must consist of a single email with a single, digitally searchable PDF attachment containing all components of the bid. Multiple emails and/or multiple attachments will not be accepted. There is an attachment size limit of 40 MB (40,960KB). It is the Bidder's responsibility to compress the PDF file containing its bid if necessary in order to meet this size limitation. It is also the Bidder's responsibility to ensure that their own email system can send and receive messages up to this size.

5.3.1.2. FAX BIDS: Faxed bids will not be accepted.

5.3.1.3. U.S. MAIL OR EXPRESS DELIVERY OR HAND DELIVERY - Will not be accepted.

6. BID SUBMISSION CHECKLIST:

- ✓ Cover Letter
- ✓ Technical Response
- ✓ Redacted Technical Response, if applicable
- ✓ References
- ✓ Price Schedule
- ✓ Signed Certificate of Compliance

7. **ATTACHMENTS:**

7.1. Certificate of Compliance

7.2. Price Schedule

7.3. Worker Classification Compliance Requirement; Subcontractor Reporting Form

7.4. Standard State Contract with its associated attachments, including but not limited to, Attachment C: Standard State Provisions for Contracts and Grants (December 7, 2023)

7.5. RFP/PROJECT:

DATE:
Page 1 of 3

CERTIFICATE OF COMPLIANCE

For a bid to be considered valid, this form must be completed in its entirety, executed by a duly authorized representative of the bidder, and submitted as part of the response to the proposal.

- A. **NON COLLUSION:** Bidder hereby certifies that the prices quoted have been arrived at without collusion and that no prior information concerning these prices has been received from or given to a competitive company. If there is sufficient evidence to warrant investigation of the bid/contract process by the Office of the Attorney General, bidder understands that this paragraph might be used as a basis for litigation.
- B. **CONTRACT TERMS:** Bidder hereby acknowledges that is has read, understands and agrees to the terms of this RFP, including Attachment C: Standard State Contract Provisions, and any other contract attachments included with this RFP.
- C. **WORKER CLASSIFICATION COMPLIANCE REQUIREMENT:** In accordance with Section 32 of The Vermont Recovery and Reinvestment Act of 2009 (Act No. 54), the following provisions and requirements apply to Bidder when the amount of its bid exceeds \$250,000.00.

Self-Reporting. Bidder hereby self-reports the following information relating to past violations, convictions, suspensions, and any other information related to past performance relative to coding and classification of workers, that occurred in the previous 12 months.

Summary of Detailed Information	Date of Notification	Outcome

Subcontractor Reporting. Bidder hereby acknowledges and agrees that if it is a successful bidder, prior to execution of any contract resulting from this RFP, Bidder will provide to the State a list of all proposed subcontractors and subcontractors' subcontractors, together with the identity of those subcontractors' workers compensation insurance providers, and additional required or requested information, as applicable, in accordance with Section 32 of The Vermont Recovery and Reinvestment Act of 2009 (Act No. 54), and Bidder will provide any update of such list to the State as additional subcontractors are hired. Bidder further acknowledges and agrees that the failure to submit subcontractor reporting in accordance with Section 32 of The Vermont Recovery and Reinvestment Act of 2009 (Act No. 54) will constitute non-compliance and may result in cancellation of contract and/or restriction from bidding on future state contracts.

D. **Executive Order 05 – 16: Climate Change Considerations in State Procurements Certification**

Bidder certifies to the following (Bidder may attach any desired explanation or substantiation. Please also note that Bidder may be asked to provide documentation for any applicable claims):

1. Bidder owns, leases or utilizes, for business purposes, space that has received:

- Energy Star® Certification
- LEED®, Green Globes®, or Living Buildings ChallengeSM Certification
- Other internationally recognized building certification:

2. Bidder has received incentives or rebates from an Energy Efficiency Utility or Energy Efficiency Program in the last five years for energy efficient improvements made at bidder's place of business. Please explain:

3. Please Check all that apply:

- Bidder can claim on-site renewable power or anaerobic-digester power ("cow-power"). Or bidder consumes renewable electricity through voluntary purchase or offset, provided no such claimed power can be double-claimed by another party.
- Bidder uses renewable biomass or bio-fuel for the purposes of thermal (heat) energy at its place of business.
- Bidder's heating system has modern, high-efficiency units (boilers, furnaces, stoves, etc.), having reduced emissions of particulate matter and other air pollutants.
- Bidder tracks its energy consumption and harmful greenhouse gas emissions. What tool is used to do this? _____
- Bidder promotes the use of plug-in electric vehicles by providing electric vehicle charging, electric fleet vehicles, preferred parking, designated parking, purchase or lease incentives, etc..
- Bidder offers employees an option for a fossil fuel divestment retirement account.
- Bidder offers products or services that reduce waste, conserve water, or promote energy efficiency and conservation. Please explain:

4. Please list any additional practices that promote clean energy and take action to address climate change:

E. Executive Order 02 – 22: Solidarity with the Ukrainian People

- By checking this box, Bidder certifies that none of the goods, products, or materials offered in response to this solicitation are Russian-sourced goods or produced by Russian entities. If Bidder is unable to check the box, it shall indicate in the table below which of the applicable offerings are Russian-sourced goods and/or which are produced by Russian entities. An additional column is provided for any note or comment that you may have.

Provided Equipment or Product	Note or Comment

Bidder Name: _____ Contact Name: _____

Address: _____ Fax Number: _____

_____ Telephone: _____

_____ E-Mail: _____

By: _____ Name: _____
Signature of Bidder (or Representative) (Type or Print)

END OF CERTIFICATE OF COMPLIANCE

PRICE SCHEDULE

A. Fixed Price Deliverables:

Deliverable Description	Fixed Price
Deliverable A:	\$
Deliverable B:	\$
Etc.	\$
Total Project Cost	\$

B. Hourly Labor Rates:

Service Category/Title of Positions	Hourly Rate
	\$
	\$
	\$
	\$
	\$
	\$
	\$
	\$
	\$

C.

Name of Bidder: _____

Signature of Bidder: _____

Date: _____

SUBCONTRACTOR REPORTING FORM

This form must be completed in its entirety and submitted prior to contract execution and updated as necessary and provided to the State as additional subcontractors are hired.

The Department of Buildings and General Services in accordance with Act 54, Section 32 of the Acts of 2009 and for total project costs exceeding \$250,000.00 requires bidders to comply with the following provisions and requirements.

Contractor is required to provide a list of subcontractors on the job along with lists of subcontractor's subcontractors and by whom those subcontractors are insured for workers' compensation purposes. Include additional pages if necessary. This is not a requirement for subcontractor's providing supplies only and no labor to the overall contract or project.

Subcontractor	Insured By		Subcontractor's Sub	Insured By

Date: _____

Name of Company: _____

Contact Name: _____

Address: _____

Title: _____

Phone Number: _____

E-mail: _____

Fax Number: _____

By: _____

Name: _____

Failure to adhere to Act 54, Section 32 of the Acts of 2009 and submit Subcontractor Reporting: Worker Classification Compliance Requirement will constitute non-compliance and may result in cancellation of contract and/or forfeiture of future bidding privileges until resolved.

Send Completed Form to: Office of Purchasing & Contracting
133 State Street, 5th Floor
Montpelier, VT 05633-8000

STANDARD CONTRACT FOR SERVICES

1. **Parties.** This is a contract for services between the State of Vermont, [REDACTED] (hereinafter called “State”), and [REDACTED], with a principal place of business in [REDACTED], (hereinafter called “Contractor”). Contractor’s form of business organization is [REDACTED]. It is Contractor’s responsibility to contact the Vermont Department of Taxes to determine if, by law, Contractor is required to have a Vermont Department of Taxes Business Account Number.

2. **Subject Matter.** The subject matter of this contract is services generally on the subject of [REDACTED]. Detailed services to be provided by Contractor are described in Attachment A.

3. **Maximum Amount.** In consideration of the services to be performed by Contractor, the State agrees to pay Contractor, in accordance with the payment provisions specified in Attachment B, a sum not to exceed \$ [REDACTED].00.

4. **Contract Term.** The period of Contractor’s performance shall begin on [REDACTED], 20 [REDACTED] and end on [REDACTED], 20 [REDACTED].

5. **Prior Approvals.** This Contract shall not be binding unless and until all requisite prior approvals have been obtained in accordance with current State law, bulletins, and interpretations.

6. **Amendment.** No changes, modifications, or amendments in the terms and conditions of this contract shall be effective unless reduced to writing, numbered and signed by the duly authorized representative of the State and Contractor.

7. **Termination for Convenience.** This contract may be terminated by the State at any time by giving written notice at least thirty (30) days in advance. In such event, Contractor shall be paid under the terms of this contract for all services provided to and accepted by the State prior to the effective date of termination.

8. **Attachments.** This contract consists of [REDACTED] pages including the following attachments which are incorporated herein:

Attachment A - Statement of Work

Attachment B - Payment Provisions

Attachment C – “Standard State Provisions for Contracts and Grants” a preprinted form (revision date 12/7/2023)

Attachment D - Other Provisions

Additional attachments may be lettered as necessary

9. **Order of Precedence.** Any ambiguity, conflict or inconsistency between the documents comprising this contract shall be resolved according to the following order of precedence:

(1) Standard Contract

(2) Attachment D

(3) Attachment C (Standard Contract Provisions for Contracts and Grants)

(4) State of Vermont – Federal Terms Supplement (non-construction)

(5) Attachment A

(6) Attachment B

List other attachments, if any, in order of precedence

WE THE UNDERSIGNED PARTIES AGREE TO BE BOUND BY THIS CONTRACT

By the State of Vermont:

By the Contractor:

Date: _____

Date: _____

Signature: _____

Signature: _____

Name: _____

Name: _____

Title: _____

Title: _____

ATTACHMENT A – STATEMENT OF WORK

These are the Department's desired services. Bidders are encouraged to be creative and are not constrained to these minimum requirements. Final services/outcomes may be negotiated if a bid is chosen.

The Contractor shall provide the following services:

- 1) Consulting including:
 - a) Evaluation of proposed testing methodology and procedure, and recommendation of alternatives if necessary
 - b) recommendation of appropriate smartphones/hardware for the project,
 - c) support for installation and configuration of the smartphone application,
 - d) identification of the result of test fields of the proposed application that appropriately indicate the presence of reliable voice service.
 - e) Identification of appropriate test methodology to measure voice and data service.
 - f) The State will have at least two simultaneous testing sets, and both may be in operation, so the bidder must be able to support all test equipment simultaneously.
- 2) Smartphone software application.
 - a) Either Android or IOS. (Priced out separately).
 - b) The app must support a test sequence consisting of:
 - i) Actual voice call to the State of Vermont provided test number.
 - ii) upload speed
 - iii) download speed
 - iv) latency (ping)
 - v) OPTIONAL:
 - (1) SMS/MMS text testing may also be included.
 - (2) For each sequence the app must also collect start and stop locations. Other parameters may be included such as:
 - (a) signal strength, technology class, and band class.
 - (b) These optional parameters should not have an impact on proposal pricing.
 - (c) The Department intends to partner with several organizations with non-technical users. The start/stop test sequence must be simple, and perform drive testing with limited user monitoring and intervention.
 - (i) Automated/remote start/stop for all handsets would be preferred. (such as a separate control/monitor device)
 - (d) For the tests of Firstnet service, the application must also record, for each test, whether Band class 14 is employed for the test.
 - 3) Post-testing Data Processing:
 - a) Collect results datasets from smartphones and process the data to produce the deliverables.
 - b) Automated over-the-air or manual data collection (automated is preferred)
 - c) Produce deliverables, including
 - i) Listing of the set of results of test fields that most appropriately indicate the estimated presence of reliable voice and data service.
 - ii) Test results. All individual results from all handsets
 - iii) Processed results.
 - (1) Separate, voice and data, datasets for each carrier, depicting points and polygons in which any tests were conducted, delivered via a ArcGIS compatible geodatabase.
 - (2) The State has a preference for the polygons to be H3 resolution 8 hexagons, but other resolutions will be considered if they can be more readily processed with commercial off-the-shelf solutions.
 - (3) An example geodatabase deliverable can be found [here](#). One the Department [Mobile Wireless Drive Test](#) web page.

d. Daily, Weekly, and/or Monthly progress indication, including locations covered by road segment and hexagon. - Not necessarily full test results, but a map showing areas of successful data capture.

- i. Weekly is required,
- ii. nightly is preferred.

4) The initial bid should be priced as a 12-month project. Please include optional quarterly pricing thereafter, as a separate line item for up to four quarters.

ATTACHMENT C: STANDARD STATE PROVISIONS

FOR CONTRACTS AND GRANTS

REVISED DECEMBER 7, 2023

“Attachment C: Standard State Provisions for Contracts and Grants” (revision version dated December 7, 2023) constitutes part of this Agreement and is hereby incorporated by reference as if fully set forth herein and shall apply to the purchase of all goods and/or services by the State under this Agreement. A copy of this document is available online at: <https://bgs.vermont.gov/purchasing-contracting/forms>.