

TIPS VENDOR AGREEMENT

TIPS RFP 240101 Technology Solutions, Products, and Services

The following Vendor Agreement (“Agreement”) creates a legal agreement between The Interlocal Purchasing System (“TIPS”), a government purchasing cooperative and Department of Texas Region 8 Education Service Center and (INSERT ENTITY NAME):

Cinetcomm, LLC

(ENTER ENTITY NAME]

its owners, agents, subsidiaries, and affiliates (together, “Vendor”) (individually, “Party”, and collectively the “Parties”) and this agreement shall exclusively govern the contractual relationship (“Agreement”) between the Parties.

TIPS, a governmental entity and a national purchasing cooperative seeks to provide a valuable and necessary solution to public entities and qualifying non-profits by performing the public procurement solicitation process and awarding compliant contracts to qualified vendors. Then, where the law of a customer’s jurisdiction allows, instead of public entities and qualifying non-profits expending time, money, and resources on the extensive public procurement process, the use of TIPS allows public entities to quickly select and purchase their preferred products or services from qualified, competitively evaluated vendors through cooperative purchasing.

1. **Purpose.** The purpose of this Agreement is to identify the terms and conditions of the relationship between TIPS and Vendor. Public entities and qualifying non-profits that properly join or utilize TIPS (“TIPS Members”) may elect to “piggyback” off of TIPS’ procurements and agreements where the laws of their jurisdiction allow. TIPS Members are not contractual parties to this Agreement although terms and conditions of this Agreement may ensure benefits to TIPS Members.
2. **Authority.** The Parties agree that the signatories below are individual authorized to enter into this Agreement on behalf of their entity and that they are acting under due and proper authority under applicable law.
3. **Definitions.**
 - a. **TIPS Pricing:** The specific pricing, discounts, and other pricing terms and incentives which Vendor submitted and TIPS approved for each respective TIPS Contract awarded to Vendor and all permissible, subsequent pricing updates submitted by Vendor and accepted by TIPS, if any.
 - b. **Authorized Reseller:** A reseller or dealer authorized and added by a Vendor through their online TIPS Vendor Portal to make TIPS sales according to the terms and conditions herein.
4. **Entire Agreement.** This Agreement resulted from TIPS posting a “TIPS Solicitation” (RFP, RCSP, RFQ, or other) and Vendor submitting a proposal in response to that posted TIPS Solicitation for evaluation and award. The Parties agree that this Agreement consists of the provisions set forth herein and: (1) The TIPS solicitation document resulting in this Agreement; (2) Any addenda or clarifications issued in relation to the TIPS solicitation; (3) All solicitation information provided to Vendor by TIPS through the TIPS eBid System; (3) Vendor’s entire proposal response to the TIPS solicitation including all accepted required attachments, acknowledged notices and certifications, accepted negotiated terms, pricing, accepted responses to questions, and accepted written clarifications of Vendor’s proposal, and; any properly included attachments to this Agreement. All documentation and information listed is hereby incorporated by reference as if set forth herein verbatim. In the event of conflict between the terms herein and one of the incorporated documents the terms and conditions herein shall control.
5. **Vendor’s Specific Warranties, Terms, and License Agreements.** Because TIPS serves public entities and non-profits throughout the nation all of which are subject to specific laws and policies of their jurisdiction, as a matter of standard practice, TIPS does not typically accept a Vendor’s specific “Sale Terms” (warranties, license agreements, master agreements, terms and conditions, etc.) on behalf of all TIPS Members. TIPS may permit Vendor to attach those to this Agreement to display to interested customers what terms may apply to their Supplemental Agreement with Vendor (if submitted by Vendor for that purpose). However, unless this term of the Agreement is negotiated and modified to state otherwise, those specific Sale Terms are not accepted by TIPS on behalf of all TIPS Members and each Member may choose whether to accept, negotiate, or reject those specific Sale Terms, which must be reflected in a separate agreement between Vendor and the Member in order to be effective.

- 6. Vendor Identity and Contact Information.** It is Vendor's sole responsibility to ensure that all identifying vendor information (name, EIN, d/b/a's, etc.) and contact information is updated and current at all times within the TIPS eBid System and the TIPS Vendor Portal. It is Vendor's sole responsibility to confirm that all e-correspondence issued from tips-usa.com, ionwave.net, and tipsconstruction.com to Vendor's contacts are received and are not blocked by firewall or other technology security. Failure to permit receipt of correspondence from these domains and failure to keep vendor identity and contact information current at all times during the life of the contract may cause loss of TIPS Sales, accumulating TIPS fees, missed rebid opportunities, lapse of TIPS Contract(s), and unnecessary collection or legal actions against Vendor. It is no defense to any of the foregoing or any breach of this Agreement that Vendor was not receiving TIPS' electronic communications issued by TIPS to Vendor's listed contacts.
- 7. Initiation of TIPS Sales.** When a public entity initiates a purchase with Vendor, if the Member inquires verbally or in writing whether Vendor holds a TIPS Contract, it is the duty of the Vendor to verify whether the Member is seeking a TIPS purchase. Once verified, Vendor must include the TIPS Contract Number on all purchase communications and sales documents exchanged with the TIPS Member.
- 8. TIPS Sales and Supplemental Agreements.** The terms of the specific TIPS order, including but not limited to: shipping, freight, insurance, delivery, fees, bonding, cost, delivery expectations and location, returns, refunds, terms, conditions, cancellations, order assistance, etc., shall be controlled by the purchase agreement (Purchase Order, Contract, Invoice, etc.) (hereinafter "Supplemental Agreement") entered into between the TIPS Member Customer and Vendor only. TIPS is not a party to any Supplemental Agreement. All Supplemental Agreements shall include Vendor's Name, as known to TIPS, and TIPS Contract Name and Number. Vendor accepts and understands that TIPS is not a legal party to TIPS Sales and Vendor is solely responsible for identifying fraud, mistakes, unacceptable terms, or misrepresentations for the specific order prior to accepting. Vendor agrees that any order issued from a customer to Vendor, even when processed through TIPS, constitutes a legal contract between the customer and Vendor only. When Vendor accepts or fulfills an order, even when processed through TIPS, Vendor is representing that Vendor has carefully reviewed the order for legality, authenticity, and accuracy and TIPS shall not be liable or responsible for the same. In the event of a conflict between the terms of this TIPS Vendor Agreement and those contained in any Supplemental Agreement, the provisions set forth herein shall control unless otherwise agreed to and authorized by the Parties in writing within the Supplemental Agreement.
- 9. Right of Refusal.** Vendor has the right not to sell to a TIPS Member under the awarded agreement at Vendor's discretion unless otherwise required by law.
- 10. Reporting TIPS Sales.** Vendor must report all TIPS Sales to TIPS. If a TIPS sale is initiated by Vendor receiving a TIPS Member's purchase order from TIPS directly, Vendor may consider that specific TIPS Sale reported. Otherwise, with the exception of TIPS Automated Vendors, who have signed an exclusive agreement with TIPS regarding reporting, all TIPS Sales must be reported to TIPS by either: (1) Emailing the purchase order or similar purchase document (with Vendor's Name, as known to TIPS, and the TIPS Contract Name and Number included) to TIPS at tipspo@tips-usa.com with "Confirmation Only" in the subject line of the email within three business days of Vendor's acceptance of the order, or; (2) Within 3 business days of the order being accepted by Vendor, Vendor must login to the TIPS Vendor Portal and successfully self-report all necessary sale information within the Vendor Portal and confirm that it shows up accurately on your current Vendor Portal statement. No other method of reporting is acceptable unless agreed to by the Parties in writing. Failure to report all sales pursuant to this provision may result in immediate cancellation of Vendor's TIPS Contract(s) for cause at TIPS' sole discretion. Please refer to the TIPS [Accounting FAQ's](#) for more information about reporting sales and if you have further questions, contact the Accounting Team at accounting@tips-usa.com.
- 11. TIPS Administration Fees.** The collection of administrative fees by TIPS, a government entity, for performance of these procurement services is required pursuant to Texas Government Code Section 791.011 et. seq. The administration fee ("TIPS Administration Fee") is the amount legally owed by Vendor to TIPS for TIPS Sales made by Vendor. The TIPS Administration Fee amount is typically a set percentage of the amount paid by the TIPS Member for each TIPS Sale, less shipping cost, bond cost, and taxes if applicable and identifiable, which is legally due to TIPS, but the exact TIPS Administration Fee for this Contract is published in the corresponding solicitation and is incorporated herein by reference. TIPS Administration Fees are due to TIPS immediately upon Vendor's receipt of payment, including partial payment, for a TIPS Sale. The TIPS Administration Fee is assessed on the amount paid by the TIPS Member, not on the Vendor's cost or on the amount for which the Vendor sold the item to a dealer or Authorized Reseller. Upon receipt of payment for a TIPS Sale, including partial payment (which renders TIPS Administration Fees immediately due), Vendor shall issue to TIPS the corresponding TIPS Administration Fee payment as soon as possible but not later than thirty-one calendar days following Vendor's receipt of payment. Vendor shall pay TIPS via check unless otherwise agreed to by the Parties in writing. Vendor shall include clear documentation with the issued payment dictating to which sale(s) the amount should be applied. Vendor may create a payment report within their TIPS Vendor Portal which is the preferred documentation dictating to which TIPS Sale(s) the amount should be applied. Failure to pay all TIPS Administration Fees pursuant to this provision may result in immediate cancellation of Vendor's TIPS Contract(s) for cause at TIPS' sole discretion as well as the initiation of collection and legal actions by TIPS against Vendor to the extent permitted by law. Any overpayment of participation fees to TIPS by Vendor will be refunded to the Vendor.

within ninety (90) days of receipt of notification if TIPS receives written notification of the overpayment not later than the expiration of six (6) months from the date of overpayment and TIPS determines that the amount was not legally due to TIPS pursuant to this agreement and applicable law. Any notification of overpayment received by TIPS after the expiration of six (6) months from the date that TIPS received the payment will render the overpayment non-refundable. Region 8 ESC and TIPS reserve the right to extend the six (6) month deadline if approved by the Region 8 ESC Board of Directors. TIPS reserves all rights under the law to collect TIPS Administration Fees due to TIPS pursuant to this Agreement.

- 12. Term of the Agreement.** This Agreement with TIPS is for approximately five years with a one-year, consecutive option for renewal as described herein. Renewal options are not automatic and shall only be effective if offered by TIPS at its sole discretion. If TIPS offers a renewal option, the Vendor will be notified via email issued to Vendor's then-listed Primary Contact. The renewal option shall be deemed accepted by Vendor unless Vendor notifies TIPS of its objection to the renewal option in writing and confirms receipt by TIPS.

Actual Effective Date: Agreement is effective upon signature by authorized representatives of both Parties. The Effective Date does not affect the "Term Calculation Start Date."

Term Calculation Start Date: To keep the contract term consistent for all vendors awarded under a single TIPS contract, Vendor shall calculate the foregoing term as starting on the last day of the month that "Award Notifications" are anticipated as published in the Solicitation, regardless of the actual Effective Date.

Example of Term Calculation Start Date: If the anticipated "Award Date" published in the Solicitation is May 22, 2023, but extended negotiations delay award until June 27, 2023 (Actual Effective Date), the Term Calculation Start Date shall be May 31, 2023, in this example.

Contract Expiration Date: To keep the contract term consistent for all vendors awarded under a single TIPS contract, the term expiration date shall be five years from the Term Calculation Start Date.

Example of Contract Expiration Date: If the anticipated "Award Date" published in the Solicitation is May 22, 2023, but extended negotiations delay award until June 27, 2023 (Actual Effective Date), the Term Calculation Start Date shall be May 31, 2023, and the Contract Expiration Date of the resulting initial "five-year" term, (which is subject to an extension(s)) will be May 31, 2028 in this example.

Option(s) for Renewal: Any option(s) for renewal shall begin on the Contract Expiration Date, or the date of the expiration of the prior renewal term where applicable, and continue for the duration specified for the renewal option herein.

Example of Option(s) for Renewal: In this example, if TIPS offers a one-year renewal and the Contract Expiration Date is May 31, 2028, then the one-year renewal is effective from May 31, 2028 to May 31, 2029.

TIPS may offer to extend Vendor Agreements to the fullest extent the TIPS Solicitation resulting in this Agreement permits.

- 13. TIPS Pricing.** Vendor agrees and understands that for each TIPS Contract that it holds, Vendor submitted, agreed to, and received TIPS' approval for specific pricing, discounts, and other pricing terms and incentives which make up Vendor's TIPS Pricing for that TIPS Contract ("TIPS Pricing"). Vendor confirms that Vendor will not add the TIPS Administration Fee as a charge or line-item in a TIPS Sale. Vendor hereby certifies that Vendor shall only offer goods and services through this TIPS Contract if those goods and services are included in or added to Vendor's TIPS Pricing and approved by TIPS. TIPS reserves the right to review Vendor's pricing update requests as specifically as line-item by line-item to determine compliance. However, Vendor contractually agrees that all submitted pricing updates shall be within the original terms of the Vendor's TIPS Pricing (scope, proposed discounts, price increase limitations, and other pricing terms and incentives originally proposed by Vendor) such that TIPS may accept Vendors price increase requests as submitted without additional vetting at TIPS discretion. Any pricing quoted by Vendor to a TIPS Member or on a TIPS Quote shall never exceed Vendor's TIPS Pricing for any good or service offered through TIPS. TIPS Pricing price increases and modifications, if permitted, will be honored according to the terms of the solicitation and Vendor's proposal, incorporated herein by reference.

- 14. Indemnification of TIPS.** VENDOR AGREES TO INDEMNIFY, HOLD HARMLESS, AND DEFEND TIPS, TIPS MEMBERS, TIPS OFFICERS, TIPS EMPLOYEES, TIPS DIRECTORS, AND TIPS TRUSTEES (THE "TIPS INDEMNITEES") FROM AND AGAINST ALL CLAIMS AND SUITS BY THIRD-PARTIES FOR DAMAGES, INJURIES TO PERSONS (INCLUDING DEATH), PROPERTY DAMAGES, LOSSES, EXPENSES, FEES, INCLUDING COURT COSTS, ATTORNEY'S FEES, AND EXPERT FEES, ARISING OUT OF OR RELATING TO VENDOR'S PERFORMANCE UNDER THIS AGREEMENT (INCLUDING THE PERFORMANCE OF VENDOR'S OFFICERS, EMPLOYEES, AGENTS, AUTHORIZED RESELLERS, SUBCONTRACTORS, LICENSEES, OR INVITEES), REGARDLESS OF THE NATURE OF THE CAUSE OF ACTION, INCLUDING WITHOUT LIMITATION CAUSES OF ACTION BASED UPON COMMON, CONSTITUTIONAL, OR STATUTORY LAW OR BASED IN

WHOLE OR IN PART UPON ALLEGATIONS OF NEGLIGENT OR INTENTIONAL ACTS OR OMISSIONS ON THE PART OF VENDOR, ITS OFFICERS, EMPLOYEES, AGENTS, AUTHORIZED RESELLERS, SUBCONTRACTORS, LICENSEES, OR INVITEES. NO LIMITATION OF LIABILITY FOR DAMAGES FOR PERSONAL INJURY OR PROPERTY DAMAGE ARE PERMITTED OR AGREED TO BY TIPS. APART FROM THIS INDEMNIFICATION PROVISION REQUIRING INDEMNIFICATION OF THE TIPS INDEMNITEES' ATTORNEY'S FEES AS SET FORTH ABOVE, RECOVERY OF ATTORNEYS' FEES BY THE PREVAILING PARTY IS AUTHORIZED ONLY IF AUTHORIZED BY TEX. EDUC. CODE § 44.032(F).

- 15. Indemnification and Assumption of Risk – Vendor Data.** VENDOR AGREES THAT IT IS VOLUNTARILY PROVIDING DATA (INCLUDING BUT NOT LIMITED TO: VENDOR INFORMATION, VENDOR DOCUMENTATION, VENDOR'S PROPOSALS, VENDOR PRICING SUBMITTED OR PROVIDED TO TIPS, TIPS CONTRACT DOCUMENTS, TIPS CORRESPONDENCE, VENDOR LOGOS AND IMAGES, VENDOR'S CONTACT INFORMATION, VENDOR'S BROCHURES AND COMMERCIAL INFORMATION, VENDOR'S FINANCIAL INFORMATION, VENDOR'S CERTIFICATIONS, AND ANY OTHER VENDOR INFORMATION OR DOCUMENTATION, INCLUDING WITHOUT LIMITATION SOFTWARE AND SOURCE CODE UTILIZED BY VENDOR, SUBMITTED TO TIPS BY VENDOR AND ITS AGENTS) ("VENDOR DATA") TO TIPS. FOR THE SAKE OF CLARITY, AND WITHOUT LIMITING THE BREADTH OF THE INDEMNITY OBLIGATIONS IN SECTION 14 ABOVE, VENDOR AGREES TO PROTECT, INDEMNIFY, AND HOLD THE TIPS INDEMNITEES HARMLESS FROM AND AGAINST ANY AND ALL LOSSES, CLAIMS, ACTIONS, DEMANDS, ALLEGATIONS, SUITS, JUDGMENTS, COSTS, EXPENSES, FEES, INCLUDING COURT COSTS, ATTORNEY'S FEES, AND EXPERT FEES AND ALL OTHER LIABILITY OF ANY NATURE WHATSOEVER ARISING OUT OF OR RELATING TO: (I) ANY UNAUTHORIZED, NEGLIGENT OR WRONGFUL USE OF, OR CYBER DATA BREACH INCIDENT AND VIRUSES OR OTHER CORRUPTING AGENTS INVOLVING, VENDOR'S DATA, PRICING, AND INFORMATION, COMPUTERS, OR OTHER HARDWARE OR SOFTWARE SYSTEMS, AND; (II) ALLEGATIONS OR CLAIMS THAT ANY VENDOR DATA INFRINGES ON THE INTELLECTUAL PROPERTY RIGHTS OF A THIRD-PARTY OR VENDOR.
- 16. Procedures Related to Indemnification.** In the event that an indemnity obligation arises, Vendor shall pay all amounts set forth in Section 14 and 15 above (including any settlements) and – if it has accepted its indemnity obligation without qualification – control the legal defense to such claim or cause of action, including without limitation attorney selection, strategy, discovery, trial, appeal, and settlement, and TIPS shall, at Vendor's cost and expense (with respect to reasonable out of pocket costs and expenses incurred by TIPS which shall be reimbursed to TIPS by Vendor), provide all commercially reasonable assistance requested by Vendor. In controlling any defense, Vendor shall ensure that all assertions of governmental immunity and all applicable pleas and defenses shall be promptly asserted.
- 17. Indemnity for Underlying Sales and Supplemental Agreements.** Vendor shall be solely responsible for any customer claims or any disputes arising out of TIPS Sales or any Supplemental Agreement as if sold in the open-market. The Parties agree that TIPS shall not be liable for any claims arising out of Vendor's TIPS Sales or Supplemental Agreements, including but not limited to: allegations of product defect or insufficiency, allegations of service defect or insufficiency, allegations regarding delivery defect or insufficiency, allegations of fraud or misrepresentation, allegations regarding pricing or amounts owed for TIPS sales, and/or allegations regarding payment, over-payment, under-payment, or non-payment for TIPS Sales. Payment/Drafting, overpayment/over-drafting, under-payment/under-drafting, or non-payment for TIPS Sales between customer and Vendor and inspections, rejections, or acceptance of such purchases shall be the exclusive respective obligations of Vendor/Customer, and disputes shall be handled in accordance with the terms of the underlying Supplemental Agreement(s) entered into between Vendor and Customer. Vendor acknowledges that TIPS is not a dealer, subcontractor, agent, or reseller of Vendor's goods and services and shall not be responsible for any claims arising out of alleged insufficiencies or defects in Vendor's goods and services, should any arise.
- 18. Confidentiality of Vendor Data.** Vendor understands and agrees that by signing this Agreement, all Vendor Data is hereby released to TIPS, TIPS Members, and TIPS third-party administrators to effectuate Vendor's TIPS Contract except as provided for herein. The Parties agree that Vendor Data is accessible by all TIPS Members as if submitted directly to that TIPS Member Customer for purchase consideration. If Vendor otherwise considers any portion of Vendor's Data to be confidential and not subject to public disclosure pursuant to Chapter 552 Texas Gov't Code (the "Public Information Act") or other law(s) and orders, Vendor must have identified the claimed confidential materials through proper execution of the Confidentiality Claim Form which is required to be submitted as part of Vendor's proposal resulting in this Agreement and incorporated by reference. The Confidentiality Claim Form included in Vendor's proposal and incorporated herein by reference is the sole indicator of whether Vendor considers any Vendor Data confidential in the event TIPS receives a Public Information Request. If TIPS receives a request, any responsive documentation not deemed confidential by you in this manner will be automatically released. For Vendor Data deemed confidential by you in this manner, TIPS will follow procedures of controlling statute(s) regarding any claim of confidentiality and shall not be liable for any release of information required by law, including Attorney General determination and opinion. In the event that TIPS receives a written request for information pursuant to the Public Information Act that affects Vendor's interest in any information or data furnished to TIPS by Vendor, and TIPS requests an opinion from the Attorney General, Vendor may, at its own option and expense, prepare comments and submit information directly to the Attorney General stating why the requested information is exempt from disclosure pursuant to the requirements of the Public Information Act. Vendor is solely responsible for submitting the memorandum brief and information to the Attorney General

within the time period prescribed by the Public Information Act. Notwithstanding any other information provided in this solicitation or Vendor designation of certain Vendor Data as confidential or proprietary, Vendor's acceptance of this TIPS Vendor Agreement constitutes Vendor's consent to the disclosure of Vendor's Data, including any information deemed confidential or proprietary, to TIPS Members or as ordered by a Court or government agency, including without limitation the Texas Attorney General. Vendor agrees that TIPS shall not be responsible or liable for any use or distribution of information or documentation by TIPS Members or as required by law.

- 19. Vendor's Authorized Resellers.** TIPS recognizes that many vendors operate in the open market through the use of resellers or dealers. For that reason, TIPS permits Vendor to authorize Authorized Resellers within its Vendor Portal and make TIPS Sales through the Authorized Reseller(s). Once authorized by Vendor in the Vendor Portal, the Authorized Reseller(s) may make TIPS sales to TIPS Members. However, all purchase documents must include: (1) Authorized Reseller's Name; (2) Vendor's Name, as known to TIPS, and; (3) Vendor's TIPS Contract Name and Number under which it is making the TIPS Sale. Either Vendor or Reseller may report the sale pursuant to the terms herein. However, Vendor agrees that it is legally responsible for all reporting and fee payment as described herein for TIPS Sales made by Authorized Resellers. The TIPS Administration Fee is assessed on the amount paid by the TIPS Member, not on the Vendor's cost or on the amount for which the Vendor sold the item to a dealer or Authorized Reseller. The Parties intend that Vendor shall be responsible and liable for TIPS Sales made by Vendor's Authorized Resellers. Vendor agrees that it is voluntarily authorizing this Authorized Reseller and in doing so, Vendor agrees that it is doing so at its own risk and agrees to protect, indemnify, and hold TIPS harmless in accordance with Sections 14-17 above related to Authorized Reseller TIPS Sales made pursuant to this Agreement or purporting to be made pursuant to this Agreement that may be asserted against Vendor whether rightfully brought or otherwise. The Parties further agree that it is no defense to Vendor's breach of this Agreement that an Authorized Reseller caused Vendor of breach this Agreement.
- 20. Circumvention of TIPS Sales.** When a public entity initiates a purchase with Vendor, if the Member inquires verbally or in writing whether Vendor holds a TIPS Contract, it is the duty of the Vendor to verify whether the Member is seeking a TIPS purchase. Any request for quote, customer communication, or customer purchase initiated through or referencing a TIPS Contract shall be completed through TIPS pursuant to this Agreement. Any encouragement or participation by Vendor in circumventing a TIPS sale being completed may result in immediate termination of Vendor's TIPS Contract(s) for cause as well as preclusion from future TIPS opportunities at TIPS sole discretion.
- 21. State of Texas Franchise Tax.** By signature hereon, Vendor hereby certifies that Vendor is not currently delinquent in the payment of any franchise taxes owed to the State of Texas under Chapter 171 of the Texas Tax Code.
- 22. Termination.**
- A) Termination for Convenience. TIPS may, by written notice to Vendor, terminate this Agreement for convenience, in whole or in part, at any time by giving thirty (30) days' written notice to Vendor of such termination, and specifying the effective date thereof.
 - B) Termination for Cause. If Vendor fails to materially perform pursuant to the terms of this Agreement, TIPS shall provide written notice to Vendor specifying the default. If Vendor does not cure such default within thirty (30) days, TIPS may terminate this Agreement, in whole or in part, for cause. If TIPS terminates this Agreement for cause, and it is later determined that the termination for cause was wrongful, the termination shall automatically be converted to and treated as a termination for convenience.
 - C) Vendor's Termination. If TIPS fails to materially perform pursuant to the terms of this Agreement, Vendor shall provide written notice to TIPS specifying the default ("Notice of Default"). If TIPS does not cure such default within thirty (30) days, Vendor may terminate this Agreement, in whole or in part, for cause. If Vendor terminates this Agreement for cause, and it is later determined that the termination for cause was wrongful, the termination shall automatically be converted to and treated as a termination for convenience.
 - D) Upon termination, all TIPS Sale orders previously accepted by Vendor shall be fulfilled and Vendor shall be paid for all TIPS Sales executed pursuant to the applicable terms. All TIPS Sale orders presented to Vendor but not fulfilled by Vendor, prior to the actual termination of this agreement shall be honored at the option of the TIPS Member. TIPS shall submit to Vendor an invoice for any outstanding TIPS Administration Fees and approved expenses and Vendor shall pay such fees and expenses within 30 calendar days of receipt of such valid TIPS invoice. Vendor acknowledges and agrees that continued participation in TIPS is subject to TIPS' sole discretion and that any Vendor may be removed from the TIPS program at any time with or without cause. This

termination clause does not affect TIPS Sales Supplemental Agreements pursuant to this term regarding termination and the Survival Clause term.

- E) Vendor hereby waives any and all claims for damages, including, but not limited, to consequential damages or lost profits, that might arise from TIPS' act of terminating this Agreement.

- 23. Survival Clause.** It is the intent of the Parties that this Agreement and procurement method applies to any TIPS Sale made during the life of this Agreement even if made on or near the Contract Expiration Date as defined herein. Thus, all TIPS Sales, including but not limited to: leases, service agreements, license agreements, open purchase orders, warranties, and contracts, even if they extend months or years past the TIPS Contract Expiration Date, shall survive the expiration or termination of this Agreement subject to the terms and conditions of the Supplemental Agreement between Customer and Vendor or unless otherwise specified herein.
- 24. Audit Rights.** Due to transparency statutes and public accountability requirements of TIPS and TIPS Members, Vendor shall at their sole expense, maintain documentation of all TIPS Sales for a period of three years from the time of the TIPS Sale. In order to ensure and confirm compliance with this agreement, TIPS shall have authority to conduct audits of Vendor's TIPS Pricing or TIPS Sales with thirty-days' notice unless the audit is ordered by a Court Order or by a Government Agency with authority to do so without said notice. Notwithstanding the foregoing, in the event that TIPS is made aware of any pricing being offered to eligible entities that is materially inconsistent with Vendor's TIPS Pricing, TIPS shall have the ability to conduct the audit internally or may engage a third-party auditing firm to investigate any possible non-compliant conduct or may terminate the Agreement according to the terms of this Agreement. In the event of an audit, the requested materials shall be reasonably provided in the time, format, and at the location acceptable to TIPS. TIPS agrees not to perform a random audit the TIPS transaction documentation more than once per calendar year, but reserves the right to audit for just cause or as required by any governmental agency or court with regulatory authority over TIPS or the TIPS Member. These audit rights shall survive termination of this Agreement for a period of one (1) year from the effective date of termination.
- 25. Conflicts of Interest.** The Parties confirm that they have not offered, given, or accepted, nor intend to give at any time hereafter any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor, service to the other in connection with this Agreement. Vendor affirms that, to the best of Vendor's knowledge, this Agreement has been arrived at independently, and is awarded without collusion with anyone to obtain information or gain any favoritism that would in any way limit competition or give an unfair advantage over other vendors in the award of this Agreement. Vendor agrees that it has disclosed any necessary affiliations with Region 8 Education Service Center and the TIPS Department, if any, through the Conflict of Interest attachment provided in the solicitation resulting in this Agreement.
- 26. Volume of TIPS Sales.** Nothing in this Agreement or any TIPS communication may be construed as a guarantee that TIPS or TIPS Members will submit any TIPS orders to Vendor at any time.
- 27. Compliance with the Law.** The Parties agree to comply fully with all applicable federal, state, and local statutes, ordinances, rules, and regulations applicable to their entity in connection with the programs contemplated under this Agreement.
- 28. Severability.** If any term(s) or provision(s) of this Agreement are held by a court of competent jurisdiction to be invalid, void, or unenforceable, then such term(s) or provision(s) shall be deemed restated to reflect the original intention of the Parties as nearly as possible in accordance with applicable law and the remainder of this Agreement, and the remainder of the provisions of this Agreement shall remain in full force and effect and shall in no way be affected, impaired or invalidated, unless such holding causes the obligations of the Parties hereto to be impossible to perform or shall render the terms of this Agreement to be inconsistent with the intent of the Parties hereto.
- 29. Force Majeure.** If by reason of Force Majeure, either party hereto shall be rendered unable wholly or in part to carry out its obligations under this Agreement through no fault of its own then such party shall give notice and full particulars of Force Majeure in writing to the other party within a reasonable time after occurrence of the event or cause relied upon. Upon delivering such notice, the obligation of the affected party, so far as it is affected by such Force Majeure as described, shall be suspended during the continuance of the inability then claimed but for no longer period, and such party shall endeavor to remove or overcome such inability with all reasonable dispatch. In the event that Vendor's obligations are suspended by reason of Force Majeure, all TIPS Sales accepted prior to the Force Majeure event shall be the legal responsibility of Vendor and the terms of the TIPS Sale Supplemental Agreement shall control Vendor's failure to fulfill for a Force Majeure event.
- 30. Immunity.** Vendor agrees that nothing in this Agreement shall be construed as a waiver of sovereign or government immunity; nor constitute or be construed as a waiver of any of the privileges, rights, defenses, remedies, or immunities available to Region 8 Education Service Center or its TIPS Department. The failure to enforce, or any delay in the enforcement of, any privileges, rights, defenses,

remedies, or immunities available to Region 8 Education Service Center or its TIPS Department under this Agreement or under applicable law shall not constitute a waiver of such privileges, rights, defenses, remedies, or immunities or be considered as a basis for estoppel.

- 31. Insurance Requirements.** Vendor agrees to maintain the following minimum insurance requirements for the duration of this Agreement. All policies held by Vendor to adhere to this term shall be written by a carrier with a financial size category of VII and at least a rating of "A-" by A.M. Best Key Rating Guide. The coverages and limits are to be considered minimum requirements and in no way limit the liability of the Vendor(s). Any immunity available to TIPS or TIPS Members shall not be used as a defense by the contractor's insurance policy. Only deductibles applicable to property damage are acceptable, unless proof of retention funds to cover said deductibles is provided. "Claims made" policies will not be accepted. Vendor's required minimum coverage shall not be suspended, voided, cancelled, non-renewed or reduced in coverage or in limits unless replaced by a policy that provides the minimum required coverage except after thirty (30) days prior written notice by certified mail, return receipt requested has been given to TIPS or the TIPS Member if a project or pending delivery of an order is ongoing. Upon request, certified copies of all insurance policies shall be furnished to the TIPS or the TIPS Member. Vendor agrees that when Vendor or its subcontractors are liable for any damages or claims, Vendor's policy, shall be primary over any other valid and collectible insurance carried by the Member or TIPS.

General Liability: \$1,000,000 each Occurrence/Aggregate

Automobile Liability: \$300,000 Includes owned, hired & non-owned

Workers' Compensation: Statutory limits for the jurisdiction in which the Vendor performs under this Agreement. If Vendor performs in multiple jurisdictions, Vendor shall maintain the statutory limits for the jurisdiction with the greatest dollar policy limit requirement.

Umbrella Liability: \$1,000,000 each Occurrence/Aggregate

- 32. Waiver.** No waiver of any single breach or multiple breaches of any provision of this Agreement shall be construed to be a waiver of any breach of any other provision. No delay in acting regarding any breach of any provision shall be construed to be a waiver of such breach.
- 33. Binding Agreement.** This Agreement shall be binding and inure to the benefit of the Parties hereto and their respective heirs, legal successors, and assigns.
- 34. Headings.** The paragraph headings contained in this Agreement are included solely for convenience of reference and shall not in any way affect the meaning or interpretation of any of the provisions of this Agreement.
- 35. Choice of Law and Venue.** This Agreement shall be governed by, construed, and enforced in accordance with the laws of the State of Texas. Any proceeding, claim, action, or alternative dispute resolution arising out of or relating to this Agreement or involving TIPS shall be brought in a State Court of competent jurisdiction in Camp County, Texas, or if Federal Court is legally required, a Federal Court of competent jurisdiction in the Eastern District of Texas, and each of the Parties irrevocably submits to the exclusive jurisdiction of said court in any such proceeding, waives any objection it may now or hereafter have to venue or to convenience of forum, agrees that all claims in respect of the proceeding shall be heard and determined only in any such court, and agrees not to bring any proceeding arising out of or relating to this procurement process or any contract resulting from or and contemplated transaction in any other court. The Parties agree that either or both of them may file a copy of this paragraph with any court as written evidence of the knowing, voluntary and freely bargained for agreement between the Parties irrevocably to waive any objections to venue or to convenience of forum.
- 36. Relationship of the Parties.** Nothing contained in this Agreement shall be construed to make one Party an agent of the other Party nor shall either party have any authority to bind the other in any respect, unless expressly authorized by the other party in writing. The Parties are independent contractors and nothing in this Agreement creates a relationship of employment, trust, agency or partnership between them.
- 37. Assignment.** No assignment of this Agreement or of any duty or obligation of performance hereunder, shall be made in whole or in part by a Party hereto without the prior written consent of the other Party. Written consent of TIPS shall not be unreasonably withheld.
- 38. Minimum Condition and Warranty Requirements for TIPS Sales.** All goods quoted or sold through a TIPS Sale shall be new unless clearly stated otherwise in writing. All new goods and services shall include the applicable manufacturers minimum standard warranty unless otherwise agreed to in the Supplemental Agreement.

- 39. Minimum Customer Support Requirements for TIPS Sales.** Vendor shall provide timely and commercially reasonable support for TIPS Sales or as agreed to in the applicable Supplemental Agreement.
- 40. Minimum Shipping Requirements for TIPS Sales.** Vendor shall ship, deliver, or provide ordered goods and services within a commercially reasonable time after acceptance of the order. If a delay in delivery is anticipated, Vendor shall notify the TIPS Member as to why delivery is delayed and provide an updated estimated time for completion. The TIPS Member may cancel the order if the delay is not commercially acceptable or not consistent with the Supplemental Agreement applicable to the order.
- 41. Minimum Vendor License Requirements.** Vendor shall maintain, in current status, all federal, state, and local licenses, bonds and permits required for the operation of the business conducted by Vendor. Vendor shall remain fully informed of and in compliance with all ordinances and regulations pertaining to the lawful provision of goods or services under the TIPS Agreement. TIPS and TIPS Members reserve the right to stop work and/or cancel a TIPS Sale or terminate this or any TIPS Sale Supplemental Agreement involving Vendor if Vendor's license(s) required to perform under this Agreement or under the specific TIPS Sale have expired, lapsed, are suspended or terminated subject to a 30-day cure period unless prohibited by applicable statute or regulation.
- 42. Minimum Vendor Legal Requirements.** Vendor shall remain aware of and comply with this Agreement and all local, state, and federal laws governing the sale of products/services offered by Vendor under this contract. Such applicable laws, ordinances, and policies must be complied with even if not specified herein.
- 43. Minimum Site Requirements for TIPS Sales (*when applicable to TIPS Sale*).**

Cleanup: When performing work on site at a TIPS Member's property, Vendor shall clean up and remove all debris and rubbish resulting from their work as required or directed by the TIPS Member or as agreed by the parties. Upon completion of work, the premises shall be left in good repair and an orderly, neat, clean and unobstructed condition.

Preparation: Vendor shall not begin a project for which a TIPS Member has not prepared the site, unless Vendor does the preparation work at no cost, or until TIPS Member includes the cost of site preparation in the TIPS Sale Site preparation includes, but is not limited to: moving furniture, installing wiring for networks or power, and similar pre-installation requirements.

Registered Sex Offender Restrictions: For work to be performed at schools, Vendor agrees that no employee of Vendor or a subcontractor who has been adjudicated to be a registered sex offender will perform work at any time when students are, or reasonably expected to be, present unless otherwise agreed by the TIPS Member. Vendor agrees that a violation of this condition shall be considered a material breach and may result in the cancellation of the TIPS Sale at the TIPS Member's discretion. Vendor must identify any additional costs associated with compliance of this term. If no costs are specified, compliance with this term will be provided at no additional charge.

Safety Measures: Vendor shall take all reasonable precautions for the safety of employees on the worksite, and shall erect and properly maintain all necessary safeguards for protection of workers and the public. Vendor shall post warning signs against all hazards created by the operation and work in progress. Proper precautions shall be taken pursuant to state law and standard practices to protect workers, general public and existing structures from injury or damage.

Smoking: Persons working under Agreement shall adhere to the TIPS Member's or local smoking statutes, codes, ordinances, and policies.

- 44. Payment for TIPS Sales.** TIPS Members may make payments for TIPS Sales directly to Vendor, Vendor's Authorized Reseller, or as otherwise agreed to in the applicable Supplemental Agreement after receipt of the invoice and in compliance with applicable payment statutes. Regardless of how payment is issued or received for a TIPS Sale, Vendor is responsible for all reporting and TIPS Administration Fee payment requirements as stated herein.
- 45. Marketing.** Vendor agrees to allow TIPS to use their name and logo within the TIPS website, database, marketing materials, and advertisements unless Vendor negotiates this term to include a specific acceptable-use directive. Any use of TIPS' name and logo or any form of publicity, inclusive of press release, regarding this Agreement by Vendor must have prior approval from TIPS which will not be unreasonably withheld. Request may be made by email to tips@tips-usa.com. For marketing efforts directed to TIPS Members, Vendor must request and execute a separate Joint Marketing Disclaimer, at marketing@tips-usa.com, before TIPS can release contact information for TIPS Member entities for the purpose of marketing your TIPS contract(s). Vendor must adhere to strict Marketing Requirements once a disclaimer is executed. The Joint Marketing Disclaimer is a supplemental agreement specific to joint marketing efforts and has no effect on the terms of the TIPS Vendor Agreement. Vendor agrees that any images, photos, writing, audio, clip art,

music, or any other intellectual property ("Property") or Vendor Data utilized, provided, or approved by Vendor during the course of the joint marketing efforts are either the exclusive property of Vendor, or Vendor has all necessary rights, license, and permissions to utilize said Property in the joint marketing efforts. Vendor agrees that they shall indemnify and hold harmless TIPS and its employees, officers, agents, representatives, contractors, assignees, designees, and TIPS Members from any and all claims, damages, and judgments involving infringement of patent, copyright, trade secrets, trade or services marks, and any other intellectual or intangible property rights and/or claims arising from the Vendor's (including Vendor's officers', employees', agents', Authorized Resellers', subcontractors', licensees', or invitees') unauthorized use or distribution of Vendor Data and Property.

- 46. Tax Exempt Status of TIPS Members.** Most TIPS Members are tax exempt entities and the laws and regulations applicable to the specific TIPS Member customer shall control.
- 47. Automatic Renewal Limitation for TIPS Sales.** No TIPS Sale may incorporate an automatic renewal clause that exceeds month to month terms with which the TIPS Member must comply. All renewal terms incorporated into a TIPS Sale Supplemental Agreement shall only be valid and enforceable when Vendor received written confirmation of acceptance of the renewal term from the TIPS Member for the specific renewal term. The purpose of this clause is to avoid a TIPS Member inadvertently renewing an Agreement during a period in which the governing body of the TIPS Member has not properly appropriated and budgeted the funds to satisfy the Agreement renewal. Any TIPS Sale Supplemental Agreement containing an "Automatic Renewal" clause that conflicts with these terms is rendered void and unenforceable.
- 48. Choice of Law Limitation for TIPS Sales.** Vendor agrees that if any "Choice of Law" provision is included in any TIPS Sale agreement/contract between Vendor and a TIPS Member, that clause must provide that the "Choice of Law" applicable to the TIPS Sale agreement/contract between Vendor and TIPS Member shall be the state where the TIPS Member operates unless the TIPS Member expressly agrees otherwise. Any TIPS Sale Supplemental Agreement containing a "Choice of Law" clause that conflicts with these terms is rendered void and unenforceable.
- 49. Venue Limitation for TIPS Sales.** Vendor agrees that if any "Venue" provision is included in any TIPS Sale Agreement/contract between Vendor and a TIPS Member, that clause must provide that the "Venue" for any litigation or alternative dispute resolution shall be in the state and county where the TIPS Member operates unless the TIPS Member expressly agrees otherwise. Any TIPS Sale Supplemental Agreement containing a "Venue" clause that conflicts with these terms is rendered void and unenforceable.
- 50. Indemnity Limitation for TIPS Sales.** Texas and other jurisdictions restrict the ability of governmental entities to indemnify others. Vendor agrees that if any "Indemnity" provision which requires the TIPS Member to indemnify Vendor is included in any TIPS sales agreement/contract between Vendor and a TIPS Member, that clause must either be stricken or qualified by including that such indemnity is only permitted, "to the extent permitted by the laws and constitution of [TIPS Member's State]" unless the TIPS Member expressly agrees otherwise. Any TIPS Sale Supplemental Agreement containing an "Indemnity" clause that conflicts with these terms is rendered void and unenforceable.
- 51. Arbitration Limitation for TIPS Sales.** Vendor agrees that if any "Arbitration" provision is included in any TIPS Sale agreement/contract between Vendor and a TIPS Member, that clause may not require that the arbitration is mandatory or binding. Vendor agrees that if any "Arbitration" provision is included in any TIPS Sale agreement/contract between Vendor and a TIPS Member, that clause provides for only voluntary and non-binding arbitration unless the TIPS Member expressly agrees otherwise. Any TIPS Sale Supplemental Agreement containing a "Arbitration" clause that conflicts with these terms is rendered void and unenforceable.

In Witness Whereof, the parties hereto, each acting under due and proper authority, have signed this Agreement.

TIPS VENDOR AGREEMENT SIGNATURE

FORM TIPS RFP 240101 Technology Solutions, Products, and Services

Vendor Name: CINETCOMM, LLC

Vendor Address: 770 E WARM SPRINGS ROAD, STE 260


City: LAS VEGAS State: NV Zip Code: 89119

Vendor Authorized Signatory Name: TOM D. SOUMAS, JR.

Vendor Authorized Signatory Title: PRESIDENT, CEO

Vendor Authorized Signatory Phone: 702-844-2410

Vendor Authorized Signatory Email: tsoumas@cinetcomm.com

Vendor Authorized Signature:  Date: 3/4/2024
(The following is for TIPS completion only)

TIPS Authorized Signatory Name: Dr. David Fitts

TIPS Authorized Signatory Title: Executive Director

TIPS Authorized Signature:  Date: 5/14/2024



240101

Cinetcomm

Cinetcomm, LLC

Supplier Response

Event Information

Number: 240101

Title: Technology Solutions, Products, and Services

Type: Request for Proposal

Issue Date: 1/4/2024

Deadline: 2/16/2024 03:00 PM (CT)

Notes: This is a solicitation issued by The Interlocal Purchasing System (TIPS), a department of Texas Region 8 Education Service Center. It is an Indefinite Delivery, Indefinite Quantity ("IDIQ") solicitation. It will result in contracts that provide, through adoption/"piggyback" an indefinite quantity of supplies/services, during a fixed period of time, to TIPS public entity and qualifying non-profit "TIPS Members" throughout the nation. Thus, there is no specific project or scope of work to review. Rather this solicitation is issued as a prospective award for utilization when any TIPS Member needs the goods or services offered during the life of the agreement.

IF YOU CURRENTLY HOLD ANY TIPS CONTRACT IN THE "TECHNOLOGY SOLUTIONS, PRODUCTS, AND SERVICES" CATEGORY, AND YOU ARE SATISFIED WITH IT, THERE IS NO NEED TO RESPOND TO THIS SOLICITATION.

IF YOU HOLD AN EXISTING TIPS "TECHNOLOGY SOLUTIONS, PRODUCTS, AND SERVICES" CONTRACT AND YOU CHOOSE TO RESPOND HEREIN, YOUR EXISTING TIPS "TECHNOLOGY SOLUTIONS, PRODUCTS, AND SERVICES" CONTRACT WILL BE

TERMINATED AND REPLACED BY THIS CONTRACT.

ALSO IF YOU HOLD ANY OTHER TIPS CONTRACT OUTSIDE OF THE "TECHNOLOGY SOLUTIONS, PRODUCTS, AND SERVICES" CATEGORY WHICH COVERS ALL OF YOUR TECHNOLOGY OFFERINGS AND YOU ARE SATISFIED WITH IT, THERE IS NO NEED TO RESPOND TO THIS SOLICITATION UNLESS YOU PREFER TO HOLD BOTH CONTRACTS.

Contact Information

Address: Region 8 Education Service Center
4845 US Highway 271 North
Pittsburg, TX 75686
Phone: +1 (866) 839-8477
Email: bids@tips-usa.com

Cinetcomm Information

Contact: Tom Soumas
Address: 770 E. Warm Spring Road
Suite 270
Las Vegas, NV 89119
Phone: (702) 844-2410
Email: tsoumas@cinetcomm.com
Web Address: <https://cinetcomm.com>

By submitting your response, you certify that you are authorized to represent and bind your company.

Tom D. Soumas Jr.

Signature

Submitted at 2/15/2024 09:59:23 AM (CT)

tsoumas@cinetcomm.com

Email

Supplier Note

All product offers are systems. If you wish to purchase, please contact the factory for a formal quote on products and services we offer.

Requested Attachments

Alternate or Supplemental Pricing Documents

Cinetcomm Commercial
Equipment Price List 2-9-24.pdf

Optional. If when completing Pricing Form 1 & Pricing Form 2 you direct TIPS to view additional, alternate, or supplemental pricing documentation, you may upload that documentation.

Vendor Logo (Supplemental Vendor Information Only)

Cinetcomm Logo.png

Optional. If Vendor desires that their logo be displayed on their public TIPS profile for TIPS and TIPS Member viewing, Vendor may upload that logo at this location. These supplemental documents shall not be considered part of the TIPS Contract. Rather, they are Vendor Supplemental Information for marketing and informational purposes only.

Disclosure of Lobbying Activities - Standard Form - LLL

Disclosure_of_Lobbying_Activities
_Standard_Form_LLL (1).pdf

Do not upload this form unless Vendor has reportable lobbying activities. There are Attributes entitled, "2 CFR Part 200 or Federal Provision - Byrd Anti-Lobbying Amendment – Continued." Properly respond to those Attributes and only upload this form if applicable/instructed. If upload is required based on your response to those Attributes, the Disclosure of Lobbying Activities – Standard Form - LLL must be downloaded from the "Attachments" section of the IonWave eBid System, reviewed, properly completed, and uploaded to this location.

Required Confidentiality Claim Form

220501 CONFIDENTIALITY CLAIM
FORM.pdf.PDF

The Required Confidentiality Claim Form must be downloaded from the "Attachments" section of the IonWave eBid System, reviewed, properly completed, and uploaded to this location. This is the only way for Vendor to assert confidentiality of any information submitted.

Vendor Agreement

220501 Agreement Signature
Form PART 1 ONLY.pdf.PDF

The Vendor Agreement must be downloaded from the "Attachments" section of the IonWave eBid System, reviewed, Vendor Name placed in the line provided at the top, and uploaded to this location. If Vendor has proposed deviations to the Vendor Agreement, Vendor may assert so in the Attribute Questions and those shall be addressed during evaluation.

Conflict of Interest Questionnaire - Form CIQ

No response

Do not upload this form unless you have a reportable conflict with TIPS. There is an Attribute entitled "Conflict of Interest Questionnaire Requirement" immediately followed by an Attribute entitled "Conflict of Interest Questionnaire Requirement – Form CIQ – Continued." Properly respond to those Attributes and only upload this form if applicable/instructed. If upload is required based on your response to those Attributes, the Conflict of Interest Questionnaire – Form CIQ must be downloaded from the "Attachments" section of the IonWave eBid System, reviewed, properly completed, and uploaded at this location.

Current Form W-9

TIPS W-9.pdf

Vendor must upload their current IRS Tax Form W-9. The legal name, EIN, and d/b/a's listed should match the information provided herein exactly. This form will be utilized by TIPS to properly identify your entity.

Vendor Agreement Signature Form

220501 Agreement Signature
Form PART 2 ONLY.pdf.PDF

The Vendor Agreement Signature Form must be downloaded from the "Attachments" section of the IonWave eBid System, reviewed, properly completed, and uploaded to this location. If Vendor has proposed deviations to the Vendor Agreement, Vendor may leave the signature line of this page blank and assert so in the Attribute Questions and those shall be addressed during evaluation.

Certificates & Licenses (Supplemental Vendor Information Only)

No response

Optional. If Vendor would like to display any applicable certificates or licenses (including HUB certificates) for TIPS and TIPS Member Customer consideration, Vendor may upload those at this location. These supplemental documents shall not be considered part of the TIPS Contract. Rather, they are Vendor Supplemental Information for marketing and informational purposes only.

Pricing Form 1

220501 Pricing Form 1 PART 1
ONLY-----Cinetcomm, LLC.xlsx

Pricing Form 1 must be downloaded from the "Attachments" section of the IonWave eBid System, reviewed, properly completed as instructed, and uploaded to this location.

Reference Form

220501 Reference_FoCinetcomm,
LLC.xls

The Reference Form must be downloaded from the "Attachments" section of the IonWave eBid System, reviewed, properly completed, and uploaded to this location. The Reference Form must be uploaded in Excel format.

Pricing Form 2

220501 Pricing Form 2 PART 1
ONLY-----Cinetcomm, LLC.xlsx

Pricing Form 2 must be downloaded from the "Attachments" section of the IonWave eBid System, reviewed, properly completed as instructed, and uploaded to this location.

Vendor's Warranties, Terms, and Conditions (Supplemental Vendor Information Only)

No response

Optional. If Vendor would like to display any standard warranties, terms, or conditions which are often applicable to their offerings for TIPS and TIPS Member Customer consideration, Vendor may upload those at this location. These supplemental documents shall not be considered part of the TIPS Contract. Rather, they are Vendor Supplemental Information for marketing and informational purposes only.

Supplemental Vendor Information (Supplemental Vendor Information Only)

Certificate of Insurance---
Cinetcomm, LLC.pdf

Optional. If Vendor would like to display or include any brochures, promotional documents, marketing materials, or other Vendor Information for TIPS and TIPS Member Customer consideration, Vendor may upload those at this location. These supplemental documents shall not be considered part of the TIPS Contract. Rather, they are Vendor Supplemental Information for marketing and informational purposes only.

Response Attachments

First-Responders-Guide-to-Satellite-Communications-10-20.pdf

First Responders Guide

TCX-PS-Final-7-22.pdf

Product Brochure, TCX-PS

Bid Attributes

1 Disadvantaged/Minority/Women Business & Federal HUBZone

Some participating public entities are required to seek Disadvantaged/Minority/Women Business & Federal HUBZone ("D/M/WBE/Federal HUBZone") vendors. Does Vendor certify that their entity is a D/M/WBE/Federal HUBZone vendor?

If you respond "Yes," you must upload current certification proof in the appropriate "Response Attachments" location.

NO

2 Historically Underutilized Business (HUB)

Some participating public entities are required to seek Historically Underutilized Business (HUB) vendors as defined by the Texas Comptroller of Public Accounts Statewide HUB Program. Does Vendor certify that their entity is a HUB vendor?

If you respond "Yes," you must upload current certification proof in the appropriate "Response Attachments" location.

No

3 National Coverage

Can the Vendor provide its proposed goods and services to all 50 US States?

Yes - All 50 States

4 States Served

If Vendor answered "No" to the question entitled "National Coverage," please list all states where vendor can provide the goods and services proposed directly below. Your response may dictate which potential TIPS Member customers consider purchasing your offerings.

USA and all territories, all military bases worldwide, worldwide distribution of products and services.

5 Description of Vendor Entity and Vendor's Goods & Services

If awarded, this description of Vendor and Vendor's goods and services will appear on the TIPS website for customer/public viewing.

Satellite equipment and services for public sector public safety mission critical communications and daTA.

6 Primary Contact Name

Please identify the individual who will be primarily responsible for all TIPS matters and inquiries for the duration of the contract.

tOM d. sOUMAS jR.

7 Primary Contact Title

Primary Contact Title

President & CEO

8 Primary Contact Email

Please enter a valid email address that will definitely reach the Primary Contact.

tsoumas@cinetcomm.com

9	Primary Contact Phone Numbers only, no symbols or spaces (Ex. 8668398477). The system will auto-populate your entry with commas once submitted which is appropriate and expected (Ex. 8,668,398,477). Please provide the accurate and current phone number where the individual who will be primarily responsible for all TIPS matters and inquiries for the duration of the contract can be reached directly. <input type="text" value="7028442410"/>
10	Primary Contact Fax Numbers only, no symbols or spaces (Ex. 8668398477). The system will auto-populate your entry with commas once submitted which is appropriate and expected (Ex. 8,668,398,477). <input type="text" value="No response"/>
11	Primary Contact Mobile Numbers only, no symbols or spaces (Ex. 8668398477). The system will auto-populate your entry with commas once submitted which is appropriate and expected (Ex. 8,668,398,477). <input type="text" value="8186794979"/>
12	Secondary Contact Name Please identify the individual who will be secondarily responsible for all TIPS matters and inquiries for the duration of the contract. <input type="text" value="Rick Rode"/>
13	Secondary Contact Title Secondary Contact Title <input type="text" value="Contract Analyst"/>
14	Secondary Contact Email Please enter a valid email address that will definitely reach the Secondary Contact. <input type="text" value="rick.rode@govtcc.com"/>
15	Secondary Contact Phone Numbers only, no symbols or spaces (Ex. 8668398477). The system will auto-populate your entry with commas once submitted which is appropriate and expected (Ex. 8,668,398,477). Please provide the accurate and current phone number where the individual who will be secondarily responsible for all TIPS matters and inquiries for the duration of the contract can be reached directly. <input type="text" value="6195367000"/>
16	Secondary Contact Fax Numbers only, no symbols or spaces (Ex. 8668398477). The system will auto-populate your entry with commas once submitted which is appropriate and expected (Ex. 8,668,398,477). <input type="text" value="6198255495"/>
17	Secondary Contact Mobile Numbers only, no symbols or spaces (Ex. 8668398477). The system will auto-populate your entry with commas once submitted which is appropriate and expected (Ex. 8,668,398,477). <input type="text" value="6195367000"/>

1
8**Administration Fee Contact Name**

Please identify the individual who will be responsible for all payment, accounting, and other matters related to Vendor's TIPS Administration Fee due to TIPS for the duration of the contract.

1
9**Administration Fee Contact Email**

Please enter a valid email address that will definitely reach the Administration Fee Contact.

2
0**Administration Fee Contact Phone**

Numbers only, no symbols or spaces (Ex. 8668398477). The system will auto-populate your entry with commas once submitted which is appropriate and expected (Ex. 8,668,398,477).

2
1**Purchase Order and Sales Contact Name**

Please identify the individual who will be responsible for receiving and processing purchase orders and sales under the TIPS Contract.

2
2**Purchase Order and Sales Contact Email**

Please enter a valid email address that will definitely reach the Purchase Order and Sales Contact.

2
3**Purchase Order and Sales Contact Phone**

Numbers only, no symbols or spaces (Ex. 8668398477). The system will auto-populate your entry with commas once submitted which is appropriate and expected (Ex. 8,668,398,477).

2
4**Company Website**

Company Website (Format - www.company.com)

2
5**Entity D/B/A's and Assumed Names**

You must confirm that you are responding to this solicitation under your legal entity name. Go now to your Supplier Profile in this eBid System and confirm that your profile reflects your "Legal Name" as it is listed on your W9.

In this question, please identify all of your entity's assumed names and D/B/A's. Please note that you will be identified publicly by the Legal Name under which you respond to this solicitation unless you organize otherwise with TIPS after award.

2
6**Primary Address**

Primary Address

2
7**Primary Address City**

Primary Address City

28

Primary Address State

Primary Address State (2 Digit Abbreviation)

NV

29

Primary Address Zip

Primary Address Zip

89119

30

Search Words Identifying Vendor

Please list all search words and phrases to be included in the TIPS database related to your entity. **Do not** list words which are not associated with the bid category/scope (See bid title for general scope). This will help users find you through the TIPS website search function. You may include product names, manufacturers, specialized services, and other words associated with the scope of this solicitation.

Satellite data systems, Satellite equipment, Satellite Software, Satellite systems integration

31

Certification of Vendor Residency (Required by the State of Texas)

Does Vendor's parent company or majority owner:

(A) have its principal place of business in Texas; **or** (B) employ at least 500 persons in Texas?

Texas Education Code Section 44.031 requires that this information be considered in evaluation for certain contracts. However, Vendor response does not affect points, scoring, or potential award.

No

32

Vendor's Principal Place of Business (City)

In what city is Vendor's principal place of business located?

Las Vegas

33

Vendor's Principal Place of Business (State)

In what state is Vendor's principal place of business located?

NV

34

Vendor's Years in Business

How many years has the business submitting this proposal been operating in its current capacity and field of work?

15

35

Certification Regarding Entire TIPS Agreement

Vendor agrees that, if awarded, Vendor's final TIPS Contract will consist of the provisions set forth in the finalized TIPS Vendor Agreement, Vendor's responses to these attribute questions, and: (1) The TIPS solicitation document resulting in this Agreement; (2) Any addenda or clarifications issued in relation to the TIPS solicitation; (3) All solicitation information provided to Vendor by TIPS through the TIPS eBid System; (3) Vendor's entire proposal response to the TIPS solicitation including all accepted required attachments, acknowledged notices and certifications, accepted negotiated terms, accepted pricing, accepted responses to questions, and accepted written clarifications of Vendor's proposal, and; any properly included attachments to the TIPS Contract.

Does Vendor agree?

Yes, Vendor agrees

3
6**Minimum Percentage Discount Offered to TIPS Members on all Goods and Services (READ CAREFULLY)**

Please read thoroughly and carefully as an error on your response can render your contract award unusable.

TIPS Members often turn to TIPS Contracts for ease of use and to receive discounted pricing.

What is the minimum percentage discount that you can offer TIPS Members off of all goods and service pricing (whether offered through Pricing Form 1, Pricing Form 2, or in another accepted format) that you offer? Only limited goods/services specifically identified and excluded from this discount in Vendor's original proposal may be excluded from this discount.

Vendor must respond with a percentage from 0%-100%. The percentage discount that you input below will be applied to your "Catalog Pricing", as defined in the solicitation, for all TIPS Sales made during the life of the contract. You cannot alter this percentage discount once the solicitation legally closes. You will always be required to discount every TIPS Sale by the percentage included below with the exception of limited goods/services specifically identified and excluded from this discount in Vendor's original proposal. If you add goods or services to your "Catalog Pricing" during the life of the contract, you will be required to sell those new items with this discount applied.

Example: In this example, you enter a 10% minimum percentage discount below. In year-one of your TIPS Contract, your published "Catalog Pricing" (website/store/published pricing) for "Tablet A" is \$100 and for "Tablet Set-Up Service" is \$100. In this example, you must sell those items under the TIPS Contract at the proposed 10% discounted price of: "Tablet A" - \$90, "Tablet Set-Up Service" - \$90. In year two of your TIPS Contract, you update your "Catalog Pricing" with the market. You add "Tablet B" to your "Catalog Pricing" for \$200 and have increased the price of "Tablet A" to \$110 and the price of "Tablet Set-Up Service" to \$110. In this example, after the "Catalog Pricing" update, you must still sell those items under the TIPS Contract at the proposed 10% discounted price of: "Tablet A" - \$99, "Tablet Set-Up Service" - \$99, and "Tablet B" - \$180.00.

With the exception of limited goods/services specifically identified and excluded from this discount in Vendor's original proposal, if you cannot honor the discount on all goods and items now included or which may be added in the future with certainty, then you should offer a lesser discount percentage below.

What is the minimum percentage discount that you can offer TIPS Members off of all goods and service pricing (whether offered through Pricing Form 1, Pricing Form 2, or in another accepted format) that you offer?

3
7**Honoring Vendor's Minimum Percentage Discount**

Vendor is asked in these Attribute Questions to provide a Minimum Percentage Discount offered to TIPS Members on all goods and services sold under the TIPS Contract. Points will be assigned for your response and scoring of your proposal will be affected. A "YES" answer will be awarded the maximum 10 points and a "NO" answer will be awarded 0 points.

Does Vendor agree to honor the Minimum Percentage Discount off of their TIPS "Catalog Pricing" that Vendor proposed for all TIPS Sales made for the duration of the TIPS Contract?

3
8**Volume and Additional Discounts**

In addition to the Minimum Percentage Discount proposed herein, does Vendor ever expect and intend to offer additional, greater, or volume discounts to TIPS Members?

Point(s) may be assigned for your response in the category of "Pricing" during scoring and evaluation.

3
9

"Catalog Pricing" and Pricing Requirements

This is a requirement of the TIPS Contract and is non-negotiable.

In this solicitation and resulting contract, "Catalog Pricing" shall be defined as:

"The then available list of goods or services, in the most current listing regardless of date, that takes the form of a catalog, price list, price schedule, shelf-price or other viewable format that:

- A. is regularly maintained by the manufacturer or Vendor of an item; and
- B. is either published or otherwise available for review by TIPS or a customer during the purchase process;
- C. to which the Minimum Percentage Discount proposed by the proposing Vendor may be applied.

If awarded on this TIPS Contract, for the duration of the contract, Vendor agrees to provide, upon request, their then current "Catalog Pricing." Or, in limited circumstances where Vendor has proposed the Percentage Mark-Up method of pricing in this proposal, proof of Vendor's "cost" may be accepted by TIPS in place of catalog pricing.

YES

4
0

EXCEPTIONS & DEVIATIONS TO TIPS STANDARD TERMS AND CONDITIONS

Vendor agrees that, if awarded, Vendor's final TIPS Contract will consist of the provisions set forth in the finalized TIPS Vendor Agreement, Vendor's responses to these attribute questions, and: (1) The TIPS solicitation document resulting in this Agreement; (2) Any addenda or clarifications issued in relation to the TIPS solicitation; (3) All solicitation information provided to Vendor by TIPS through the TIPS eBid System; (3) Vendor's entire proposal response to the TIPS solicitation including all accepted required attachments, acknowledged notices and certifications, accepted negotiated terms, accepted pricing, accepted responses to questions, and accepted written clarifications of Vendor's proposal, and; any properly included attachments to the TIPS Contract. In the event of conflict between the terms of the finalized Vendor Agreement and one of the incorporated documents the terms and conditions which are in the best interest of governmental/qualifying non-profit TIPS Members shall control at TIPS sole discretion.

If Vendor responds, "No, Vendor does not agree" to this Attribute, after this solicitation legally closes and TIPS begins evaluating Vendor's file, TIPS will provide Vendor with a draft Word Document version of the Vendor Agreement and will be instructed to include all requested negotiations as redline edits for TIPS consideration. This is the only proper way to submit proposed deviations for TIPS consideration. TIPS reserves the right to accept, decline, or modify Vendor's requested negotiated terms. For this reason, answering "No, Vendor does not agree" may ultimately delay or prevent award.

Does Vendor agree with TIPS standard terms and conditions as presented in the TIPS solicitation document (RFP, RCSP, RFQ, or other) and the TIPS Vendor Agreement document?

Yes, Vendor agrees

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TIPS Sales Reporting Requirements

This is a requirement of the TIPS Contract and is non-negotiable.

By submitting this proposal, Vendor certifies that Vendor will properly report all TIPS sales. With the exception of TIPS Automated Vendors, who have signed an exclusive agreement with TIPS regarding reporting, all TIPS Sales must be reported to TIPS by either:

(1) Emailing the purchase order or similar purchase document (with Vendor's Name, as known to TIPS, and the TIPS Contract Name and Number included) to TIPS at tipspo@tips-usa.com with "Confirmation Only" in the subject line of the email within three business days of Vendor's acceptance of the order, or;

(2) Within 3 business days of the order being accepted by Vendor, Vendor must login to the TIPS Vendor Portal and successfully self-report all necessary sale information within the Vendor Portal and confirm that it shows up accurately on your current Vendor Portal statement.

No other method of reporting is acceptable unless agreed to by the Parties in writing. Failure to report all sales pursuant to this provision may result in immediate cancellation of Vendor's TIPS Contract(s) for cause at TIPS' sole discretion.

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TIPS Administration Fee Requirement and Acknowledgment

This is a requirement of the TIPS Contract and is non-negotiable.

The collection of fees by TIPS, a government entity, for performance of these procurement services is required pursuant to Texas Government Code Section 791.011 et. seq. The TIPS Administration Fee is the amount legally owed by Vendor to TIPS for TIPS Sales made by Vendor. The TIPS Administration Fee amount is typically a set percentage of each TIPS Sale legally due to TIPS, but the exact TIPS Administration Fee for this Contract is published in the corresponding RFP or RCSP document. TIPS Administration Fees are due to TIPS immediately upon Vendor's receipt of payment, including partial payment, for a TIPS Sale.

By submitting a proposal, Vendor agrees that it has read, understands, and agrees to the published TIPS Administration Fee amount, calculation, and payment requirements. By submitting a proposal Vendor further confirms that all TIPS Pricing includes the TIPS Administration Fee and Vendor will not show adding the TIPS Administration Fee as a charge or line-item in any TIPS Sale.

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TIPS Member Access to Vendor Proposal & Documentation

This is a requirement of the TIPS Contract and is non-negotiable.

Notwithstanding any other information provided in this solicitation or Vendor designation of certain documentation as confidential or proprietary, Vendor's submission of this proposal constitutes Vendor's express consent to the disclosure of Vendor's comprehensive proposal, including any information deemed confidential or proprietary, **to TIPS Members**. The proposing Vendor agrees that TIPS shall not be responsible or liable for any use or distribution of information or documentation to TIPS Members or by TIPS Members. By submitting this proposal, Vendor certifies the foregoing.

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4

Non-Collusive Bidding Certificate

This is a requirement of the TIPS Contract and is non-negotiable.

By submission of this proposal, the Vendor certifies that:

- 1) This proposal has been independently arrived at without collusion with any other entity, bidder, or with any competitor;
- 2) This proposal has not been knowingly disclosed and will not be knowingly disclosed, prior to the opening of bids, or proposals for this project, to any other bidder, competitor or potential competitor;
- 3) No attempt has been or will be made to induce any other person, partnership or corporation to modify, submit, or not to submit a bid or proposal; and
- 4) The person signing this bid or proposal certifies that they are duly authorized to execute this proposal/contract on behalf of Vendor and they have fully informed themselves regarding the accuracy of the statements contained in this certification, and under the penalties being applicable to the bidder as well as to the person signing in its behalf;

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Antitrust Certification Statements (Tex. Government Code § 2155.005)

This is a requirement of the TIPS Contract and is non-negotiable.

By submission of this bid or proposal, Vendor certifies under penalty of perjury of the laws of the State of Texas that:

- (1) I am duly authorized to execute this proposal/contract on my own behalf or on behalf of the company, corporation, firm, partnership or individual (Vendor) identified herein;
- (2) In connection with this proposal, neither I nor any representative of Vendor has violated any provision of the Texas Free Enterprise and Antitrust Act, Tex. Bus. & Comm. Code Chapter 15;
- (3) In connection with this proposal, neither I nor any representative of the Vendor has violated any federal antitrust law;
- (4) Neither I nor any representative of Vendor has directly or indirectly communicated any of the contents of this bid to a competitor of the Company or any other company, corporation, firm, partnership or individual engaged in the same line of business as the Company.

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Limitation on Out-of-State Litigation - Texas Business and Commerce Code § 272

This is a requirement of the TIPS Contract and is non-negotiable.

Texas Business and Commerce Code § 272 prohibits a construction contract, or an agreement collateral to or affecting the construction contract, from containing a provision making the contract or agreement, or any conflict arising under the contract or agreement, subject to another state's law, litigation in the courts of another state, or arbitration in another state. If included in Texas construction contracts, such provisions are voidable by a party obligated by the contract or agreement to perform the work.

By submission of this proposal, Vendor acknowledges this law and ***if Vendor enters into a construction contract with a Texas TIPS Member*** under this procurement, Vendor certifies compliance.

4
7**Required Confidentiality Claim Form****This is a requirement of the TIPS Contract and is non-negotiable.**

TIPS provides the required TIPS Confidentiality Claim Form in the "Attachments" section of this solicitation. Vendor must execute this form by either signing and waiving any confidentiality claim, or designating portions of Vendor's proposal confidential. If Vendor considers any portion of Vendor's proposal to be confidential and not subject to public disclosure pursuant to Chapter 552 Texas Gov't Code or other law(s) and orders, Vendor must have identified the claimed confidential materials through proper execution of the Confidentiality Claim Form.

If TIPS receives a public information act or similar request, any responsive documentation not deemed confidential by you in this manner will be automatically released. For Vendor documents deemed confidential by you in this manner, TIPS will follow procedures of controlling statute(s) regarding any claim of confidentiality and shall not be liable for any release of information required by law, including Attorney General determination and opinion.

Notwithstanding any other Vendor designation of Vendor's proposal as confidential or proprietary, Vendor's submission of this proposal constitutes Vendor's agreement that proper execution of the required TIPS Confidentiality Claim Form is the only way to assert any portion of Vendor's proposal as confidential.

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8**Non-Discrimination Statement and Certification****This is a requirement of the TIPS Contract and is non-negotiable.**

In accordance with Federal civil rights law, all U.S. Departments, including but not limited to the USDA, USDE, FEMA, are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by federal funds (not all bases apply to all programs).

Vendor certifies that Vendor will comply with applicable Non-Discrimination and Equal Opportunity provisions set forth in TIPS Member Customers' policies and other regulations at the local, state, and federal levels of governments.

☒ Yes, I certify4
9**Limitation of Vendor Indemnification and Similar Clauses****This is a requirement of the TIPS Contract and is non-negotiable.**

TIPS, a department of Region 8 Education Service Center, a political subdivision, and local government entity of the State of Texas, is prohibited from indemnifying third-parties (pursuant to the Article 3, Section 52 of the Texas Constitution) except as otherwise specifically provided for by law or as ordered by a court of competent jurisdiction. Article 3, Section 52 of the Texas Constitution states that "no debt shall be created by or on behalf of the State ... " and the Texas Attorney General has opined that a contractually imposed obligation of indemnity creates a "debt" in the constitutional sense. Tex. Att'y Gen. Op. No. MW-475 (1982). Thus, contract clauses which require TIPS to indemnify Vendor, pay liquidated damages, pay attorney's fees, waive Vendor's liability, or waive any applicable statute of limitations must be deleted or qualified with "to the extent permitted by the Constitution and Laws of the State of Texas."

Does Vendor agree?

☒ Yes, I Agree

50

Alternative Dispute Resolution Limitations**This is a requirement of the TIPS Contract and is non-negotiable.**

TIPS, a department of Region 8 Education Service Center, a political subdivision, and local government entity of the State of Texas, does not agree to binding arbitration as a remedy to dispute and no such provision shall be permitted in this Agreement with TIPS. Vendor agrees that any claim arising out of or related to this Agreement, except those specifically and expressly waived or negotiated within this Agreement, may be subject to non-binding mediation at the request of either party to be conducted by a mutually agreed upon mediator as prerequisite to the filing of any lawsuit arising out of or related to this Agreement. Mediation shall be held in either Camp or Titus County, Texas. Agreements reached in mediation will be subject to the approval by the Region 8 ESC's Board of Directors, authorized signature of the Parties if approved by the Board of Directors, and, once approved by the Board of Directors and properly signed, shall thereafter be enforceable as provided by the laws of the State of Texas.

Does Vendor agree?

☐ Yes, Vendor agrees

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No Waiver of TIPS Immunity**This is a requirement of the TIPS Contract and is non-negotiable.**

Vendor agrees that nothing in this Agreement shall be construed as a waiver of sovereign or government immunity; nor constitute or be construed as a waiver of any of the privileges, rights, defenses, remedies, or immunities available to Region 8 Education Service Center or its TIPS Department. The failure to enforce, or any delay in the enforcement, of any privileges, rights, defenses, remedies, or immunities available to Region 8 Education Service Center or its TIPS Department under this Agreement or under applicable law shall not constitute a waiver of such privileges, rights, defenses, remedies, or immunities or be considered as a basis for estoppel.

Does Vendor agree?

☒ Yes, Vendor agrees

52

Payment Terms and Funding Out Clause**This is a requirement of the TIPS Contract and is non-negotiable.**

Vendor agrees that TIPS and TIPS Members shall not be liable for interest or late-payment fees on past-due balances at a rate higher than permitted by the laws or regulations of the jurisdiction of the TIPS Member.

Funding-Out Clause: Vendor agrees to abide by the applicable laws and regulations, including but not limited to Texas Local Government Code § 271.903, or any other statutory or regulatory limitation of the jurisdiction of any TIPS Member, which requires that contracts approved by TIPS or a TIPS Member are subject to the budgeting and appropriation of currently available funds by the entity or its governing body.

Does Vendor agree?

☒ Yes, Vendor agrees

53

Certification Regarding Prohibition of Certain Terrorist Organizations (Tex. Gov. Code 2270)

Vendor certifies that Vendor is not a company identified on the Texas Comptroller's list of companies known to have contracts with, or provide supplies or services to, a foreign organization designated as a Foreign Terrorist Organization by the U.S. Secretary of State.

Does Vendor certify?

☐ Yes, Vendor certifies

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4**Certification Regarding Prohibition of Boycotting Israel (Tex. Gov. Code 2271)**

If (a) Vendor is not a sole proprietorship; (b) Vendor has ten (10) or more full-time employees; and (c) this Agreement or any agreement with a TIPS Member under this procurement has value of \$100,000 or more, the following certification shall apply; otherwise, this certification is not required. Vendor certifies, where applicable, that neither the Vendor, nor any affiliate, subsidiary, or parent company of Vendor, if any, boycotts Israel, and Vendor agrees that Vendor and Vendor Companies will not boycott Israel during the term of this Agreement. For purposes of this Agreement, the term "boycott" shall mean and include refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory but does not include an action made for ordinary business purposes.

When applicable, does Vendor certify?

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5**Certification Regarding Prohibition of Contracts with Certain Foreign-Owned Companies (Tex. Gov. Code 2274)**

Certain public entities are prohibited from entering into a contract or other agreement relating to critical infrastructure that would grant Vendor direct or remote access to or control of critical infrastructure in this state, excluding access specifically allowed by a customer for product warranty and support purposes.

Vendor certifies that neither it nor its parent company nor any affiliate of Vendor or its parent company, is (1) owned by or the majority of stock or other ownership interest of the company is held or controlled by individuals who are citizens of China, Iran, North Korea, Russia, or a designated country; (2) a company or other entity, including governmental entity, that is owned or controlled by citizens of or is directly controlled by the government of China, Iran, North Korea, Russia, or a designated country; or (3) headquartered in China, Iran, North Korea, Russia, or a designated country.

For purposes of this certification, "critical infrastructure" means "a communication infrastructure system, cybersecurity system, electric grid, hazardous waste treatment system, or water treatment facility." Vendor certifies that Vendor will not grant direct or remote access to or control of critical infrastructure, except for product warranty and support purposes, to prohibited individuals, companies, or entities, including governmental entities, owned, controlled, or headquartered in China, Iran, North Korea, Russia, or a designated country, as determined by the Governor.

When applicable, does Vendor certify?

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6**Certification Regarding Prohibition of Discrimination Against Firearm and Ammunition Industries (Tex. Gov. Code 2274)**

If (a) Vendor is not a sole proprietorship; (b) Vendor has at least ten (10) full-time employees; and (c) this Agreement or any Supplemental Agreement with certain public entities have a value of at least \$100,000 that is paid wholly or partly from public funds; (d) the Agreement is not excepted under Tex. Gov. Code 2274 and (e) the purchasing public entity has determined that Vendor is not a sole-source provider or the purchasing public entity has not received any bids from a company that is able to provide this written verification, the following certification shall apply; otherwise, this certification is not required.

Vendor certifies that Vendor, or association, corporation, partnership, joint venture, limited partnership, limited liability partnership, or limited liability company, including a wholly owned subsidiary, majority-owned subsidiary parent company, or affiliate of these entities or associations, that exists to make a profit, does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association and will not discriminate during the term of this contract against a firearm entity or firearm trade association.

For purposes of this Agreement, "discriminate against a firearm entity or firearm trade association" shall mean, with respect to the entity or association, to: "(1) refuse to engage in the trade of any goods or services with the entity or association based solely on its status as a firearm entity or firearm trade association; (2) refrain from continuing an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association; or (3) terminate an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association."

"Discrimination against a firearm entity or firearm trade association" does not include: "(1) the established policies of a merchant, retail seller, or platform that restrict or prohibit the listing or selling of ammunition, firearms, or firearm accessories; and (2) a company's refusal to engage in the trade of any goods or services, decision to refrain from continuing an existing business relationship, or decision to terminate an existing business relationship to comply with federal, state, or local law, policy, or regulations or a directive by a regulatory agency, or for any traditional business reason that is specific to the customer or potential customer and not based solely on an entity's or association's status as a firearm entity or firearm trade association."

When applicable, does Vendor certify?

Yes, Vendor certifies

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7**Certification Regarding Termination of Contract for Non-Compliance (Tex. Gov. Code 552.374)**

If Vendor is not a governmental body and (a) this Agreement or any Supplemental Agreement with a public entity has a stated expenditure of at least \$1 million in public funds for the purchase of goods or services by certain public entities; or (b) this Agreement or any Supplemental Agreement results in the expenditure of at least \$1 million in public funds for the purchase of goods or services by certain public entities in their fiscal year, the following certification shall apply; otherwise, this certification is not required.

As required by Tex. Gov. Code 552.374, the following statement is included in the RFP and the Agreement (unless the Agreement is (1) related to the purchase or underwriting of a public security; (2) is or may be used as collateral on a loan; or (3) proceeds from which are used to pay debt service of a public security of loan): "The requirements of Subchapter J, Chapter 552, Government Code, may apply to this solicitation and Agreement and the Vendor agrees that this Agreement and any applicable Supplemental Agreement can be terminated if Vendor knowingly or intentionally fails to comply with a requirement of that subchapter."

Pursuant to Chapter 552 of the Texas Government Code, Vendor certifies that Vendor shall: (1) preserve all contracting information related to this Agreement as provided by the records retention requirements applicable to TIPS or the purchasing TIPS Member for the duration of the Agreement; (2) promptly provide to TIPS or the purchasing TIPS Member any contracting information related to the Agreement that is in the custody or possession of Vendor on request of TIPS or the purchasing TIPS Member; and (3) on completion of the Agreement, either (a) provide at no cost to TIPS or the purchasing TIPS Member all contracting information related to the Agreement that is in the custody or possession of Vendor, or (b) preserve the contracting information related to the Agreement as provided by the records retention requirements applicable to TIPS or the purchasing TIPS Member.

When applicable, does Vendor certify?

Yes, Vendor certifies

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Certification Regarding Prohibition of Boycotting Certain Energy Companies (Tex. Gov. Code 2274)

If (a) Vendor is not a sole proprietorship; (b) Vendor has ten (10) or more full-time employees; and (c) this Agreement or any Supplemental Agreement with certain public entities has a value of \$100,000 or more that is to be paid wholly or partly from public funds, the following certification shall apply; otherwise, this certification is not required.

Vendor certifies that Vendor, or any wholly owned subsidiary, majority-owned subsidiary, parent company, or affiliate of these entities or business associations, if any, do not boycott energy companies and will not boycott energy companies during the term of the Agreement or any applicable Supplemental Agreement.

For purposes of this certification the term "company" shall mean an organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, or limited liability company, that exists to make a profit.

The term "boycott energy company" shall mean "without an ordinary business purpose, refusing to deal with, terminating business activities with, or otherwise taking any action intended to penalize, inflict economic harm on, or limit commercial relations with a company because the company (a) engages in the exploration, production, utilization, transportation, sale, or manufacturing of fossil fuel-based energy and does not commit or pledge to meet environmental standards beyond applicable federal and state law, or (b) does business with a company described by paragraph (a)." (See Tex. Gov. Code 809.001).

When applicable, does Vendor certify?

Yes, Vendor certifies

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Felony Conviction Notice - Texas Education Code 44.034

Texas Education Code, Section 44.034, Notification of Criminal History, Subsection (a), states, "a person or business entity that enters into a contract with a school district must give advance notice to the district if the person or an owner or operator of the business entity has been convicted of a felony. The notice must include a general description of the conduct resulting in the conviction of a felony."

Subsection (b) states, "a school district may terminate a contract with a person or business entity if the district determines that the person or business entity failed to give notice as required by Subsection (a) or misrepresented the conduct resulting in the conviction. The district must compensate the person or business entity for services performed before the termination of the contract."

Subsection (c) states, "This section does not apply to a publicly held corporation."

Vendor certifies one of the following:

- A. My firm is a publicly held corporation; therefore, this reporting requirement is not applicable, or;
- B. My firm is not owned nor operated by anyone who has been convicted of a felony, or;
- C. My firm is owned or operated by the following individual(s) who has/have been convicted of a felony.

If Vendor responds with Option (C), Vendor is required to provide information in the next attribute.

B. My firm is not owned nor operated by felon.

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Felony Conviction Notice - Texas Education Code 44.034 - Continued

If Vendor selected Option (C) in the previous attribute, Vendor must provide the following information herein:

1. Name of Felon(s)
2. The Felon(s) title/role in Vendor's entity, and
3. Details of Felon(s) Conviction(s).

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Conflict of Interest Questionnaire Requirement

Vendor agrees that it has looked up, read, and understood the current version of Texas Local Government Code Chapter 176 which generally requires disclosures of conflicts of interests by Vendor hereunder if Vendor:

(1) has an employment or other business relationship with a local government officer of our local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);

(2) has given a local government officer of our local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or

(3) has a family relationship with a local government officer of our local governmental entity.

(4) Any other financial, commercial, or familial relationship with our local government that may warrant reporting under this statute.

Does Vendor certify that it has NO reportable conflict of interest?

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Conflict of Interest Questionnaire Requirement - Form CIQ - Continued

If you responded "No, Vendor does not certify - VENDOR HAS CONFLICT" to the Conflict of Interest Questionnaire question above, you are required by law to fully execute and upload the form attachment entitled "Conflict of Interest Questionnaire - Form CIQ." If you accurately claimed no conflict above, you may disregard the form attachment entitled "Conflict of Interest Questionnaire - Form CIQ."

Have you uploaded this form if applicable?

63

Upload of Current W-9 Required

Vendors are required by TIPS to upload a current, accurate W-9 Internal Revenue Service (IRS) Tax Form for your entity. This form will be utilized by TIPS to properly identify your entity.

You must confirm that you are responding to this solicitation under your legal entity name. Go now to your Supplier Profile in this eBid System and confirm that your profile reflects your "Legal Name" as it is listed on your W9.

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Regulatory Good Standing Certification

Does Vendor certify that its entity is in good standing will all government entities and agencies, whether local, state, or federal, that regulate any aspect of Vendor's field of work or business operations?

If Vendor selects "No", Vendor must provide explanation on the following attribute question.

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Regulatory Good Standing Certification - Explanation - Continued

If Vendor responded to the prior attribute that "No", Vendor is not in good standing, Vendor must provide an explanation of that lack of good standing here for TIPS consideration.

No response

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Instructions Only - Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion

Instructions for Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion

1. By answering yes to the next Attribute question below, the vendor and prospective lower tier participant is providing the certification set out herein in accordance with these instructions.

2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification in addition to other remedies available to the federal government, the department or agency with which this transaction originated may pursue available remedies, including suspension and / or debarment.

3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participants," "person," "primary covered transaction," "principal," "proposal" and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations.

5. The prospective lower tier participant agrees by submitting this form that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

6. The prospective lower tier participant further agrees by submitting this form that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction" without modification in all lower tier covered transactions and in all solicitations for lower tier covered transactions.

7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List.

8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible or voluntarily excluded from participation in this transaction, in addition to other remedies available to the federal government, the department or agency with which this transaction originated may pursue available remedies, including suspension and / or debarment.

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7**Suspension or Debarment Certification**

Read the instructions in the attribute above and then answer the following accurately.

Vendor certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

Does Vendor certify?

Yes, Vendor certifies

6
8**Vendor Certification of Criminal History - Texas Education Code Chapter 22**

Texas Education Code Chapter 22 requires entities that contract with school districts to provide services to obtain criminal history record information regarding covered employees. Contractors must certify to the district that they have complied. Covered employees with disqualifying criminal histories are prohibited from serving at a school district pursuant to this law.

DEFINITIONS

Covered employees: Employees of a contractor or subcontractor who have or will have continuing duties related to the service to be performed at the District and have or will have direct contact with students. The District will be the final arbiter of what constitutes direct contact with students.

Disqualifying criminal history: Any conviction or other criminal history information designated by the District, or one of the following offenses, if at the time of the offense, the victim was under 18 or enrolled in a public school: (a) a felony offense under Title 5, Texas Penal Code; (b) an offense for which a defendant is required to register as a sex offender under Chapter 62, Texas Code of Criminal Procedure; or (c) an equivalent offense under federal law or the laws of another state.

Vendor certifies:

NONE (Section A): None of the employees of Vendor and any subcontractors are covered employees, as defined above. If this box is checked, I further certify that Contractor has taken precautions or imposed conditions to ensure that the employees of Vendor and any subcontractor will not become covered employees. Contractor will maintain these precautions or conditions throughout the time the contracted services are provided under this procurement.

OR

SOME (Section B): Some or all of the employees of Vendor and any subcontractor are covered employees. If this box is checked, I further certify that: (1) Vendor has obtained all required criminal history record information regarding its covered employees. None of the covered employees has a disqualifying criminal history; (2) If Vendor receives information that a covered employee subsequently has a reported criminal history, Vendor will immediately remove the covered employee from contract duties and notify the purchasing entity in writing within 3 business days; (3) Upon request, Vendor will provide the purchasing entity with the name and any other requested information of covered employees so that the purchasing entity may obtain criminal history record information on the covered employees; (4) If the purchasing entity objects to the assignment of a covered employee on the basis of the covered employee's criminal history record information, Vendor agrees to discontinue using that covered employee to provide services at the purchasing entity.

Which option does Vendor certify?

Yes, I certify - NONE (Section A)

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Certification Regarding "Choice of Law" Terms with TIPS Members

Vendor agrees that if any "Choice of Law" provision is included in any sales agreement/contract between Vendor and a TIPS Member, that clause must provide that the "Choice of Law" applicable to the sales agreement/contract between Vendor and TIPS Member shall be the state where the TIPS Member operates unless the TIPS Member expressly agrees otherwise. Any TIPS Sale Supplemental Agreement containing a "Choice of Law" clause that conflicts with these terms is rendered void and unenforceable.

If Vendor disagrees, after this solicitation legally closes and TIPS begins evaluating Vendor's file, TIPS will provide Vendor with a draft Word Document version of the Vendor Agreement and will be instructed to include all requested negotiations as redline edits for TIPS consideration.

Does Vendor agree?

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Certification Regarding "Venue" Terms with TIPS Members

Vendor agrees that if any "Venue" provision is included in any sales agreement/contract between Vendor and a TIPS Member, that clause must provide that the "Venue" for any litigation or alternative dispute resolution is shall be in the state and county where the TIPS Member operates unless the TIPS Member expressly agrees otherwise. Any TIPS Sale Supplemental Agreement containing a "Venue" clause that conflicts with these terms is rendered void and unenforceable.

If Vendor disagrees, after this solicitation legally closes and TIPS begins evaluating Vendor's file, TIPS will provide Vendor with a draft Word Document version of the Vendor Agreement and will be instructed to include all requested negotiations as redline edits for TIPS consideration.

Does Vendor agree?

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Certification Regarding "Automatic Renewal" Terms with TIPS Members

Vendor agrees that no TIPS Sale may incorporate an "Automatic Renewal" clause that exceeds month to month terms with which the TIPS Member must comply. All renewal terms incorporated into a TIPS Sale Supplemental Agreement shall only be valid and enforceable when Vendor received written confirmation of acceptance of the renewal term from the TIPS Member for the specific renewal term. The purpose of this clause is to avoid a TIPS Member inadvertently renewing a Supplemental Agreement during a period in which the governing body of the TIPS Member has not properly appropriated and budgeted the funds to satisfy the Agreement renewal. Any TIPS Sale Supplemental Agreement containing an "Automatic Renewal" clause that conflicts with these terms is rendered void and unenforceable.

If Vendor disagrees, after this solicitation legally closes and TIPS begins evaluating Vendor's file, TIPS will provide Vendor with a draft Word Document version of the Vendor Agreement and will be instructed to include all requested negotiations as redline edits for TIPS consideration.

Does Vendor agree?

7
2**Certification Regarding "Indemnity" Terms with TIPS Members**

Texas and other jurisdictions restrict the ability of governmental entities to indemnify others. Vendor agrees that if any "Indemnity" provision which requires the TIPS Member to indemnify Vendor is included in any sales agreement/contract between Vendor and a TIPS Member, that clause must either be stricken or qualified by including that such indemnity is only permitted, "to the extent permitted by the laws and constitution of [TIPS Member's State]" unless the TIPS Member expressly agrees otherwise. Any TIPS Sale Supplemental Agreement containing an "Indemnity" clause that conflicts with these terms is rendered void and unenforceable.

If Vendor disagrees, after this solicitation legally closes and TIPS begins evaluating Vendor's file, TIPS will provide Vendor with a draft Word Document version of the Vendor Agreement and will be instructed to include all requested negotiations as redline edits for TIPS consideration.

Does Vendor agree?

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3**Certification Regarding "Arbitration" Terms with TIPS Members**

Vendor agrees that if any "Arbitration" provision is included in any TIPS Sale agreement/contract between Vendor and a TIPS Member, that clause may **not** require that the arbitration is mandatory or binding. Vendor agrees that if any "Arbitration" provision is included in any TIPS Sale agreement/contract between Vendor and a TIPS Member, that clause provides for only voluntary and non-binding arbitration unless the TIPS Member expressly agrees otherwise. Any TIPS Sale Supplemental Agreement containing a "Arbitration" clause that conflicts with these terms is rendered void and unenforceable.

If Vendor disagrees, after this solicitation legally closes and TIPS begins evaluating Vendor's file, TIPS will provide Vendor with a draft Word Document version of the Vendor Agreement and will be instructed to include all requested negotiations as redline edits for TIPS consideration.

Does Vendor agree?

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4**2 CFR PART 200 AND FEDERAL CONTRACT PROVISIONS EXPLANATION**

TIPS and TIPS Members will sometimes seek to make purchases with federal funds. In accordance with 2 C.F.R. Part 200 of the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (sometimes referred to as "EDGAR"), Vendor's response to the following questions labeled "2 CFR Part 200 or Federal Provision" will indicate Vendor's willingness and ability to comply with certain requirements which may be applicable to TIPS purchases paid for with federal funds, if accepted by Vendor.

Your responses to the following questions labeled "2 CFR Part 200 or Federal Provision" will dictate whether TIPS can list this awarded contract as viable to be considered for a federal fund purchase. **Failure to certify all requirements labeled "2 CFR Part 200 or Federal Provision" will mean that your contract is listed as not viable for the receipt of federal funds. However, it will not prevent award.**

If you do enter into a TIPS Sale when you are accepting federal funds, the contract between you and the TIPS Member will likely require these same certifications.

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5**2 CFR Part 200 or Federal Provision - Vendor Willingness to Accept Federal Funds**

This certification is not required by federal law. However, TIPS Members are public entities and qualifying non-profits which often receive federal funding and grants (ESSER, CARES Act, EDGAR, etc.) ***Accepting such funds often requires additional required certifications and responsibilities for Vendor.*** The following attribute questions include these required certifications. Your response to this questions, the following certifications, and other factors will determine whether your contract award will be deemed as eligible for federal fund expenditures by TIPS Members.

If awarded, is Vendor willing to accept payment for goods and services offered under this contract paid for by a TIPS Member with federal funds?

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6**2 CFR Part 200 or Federal Provision - Contracts**

Contracts for more than the simplified acquisition threshold currently set at \$250,000 (2 CFR § 200.320), which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.

Notice: Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, ESC Region 8 and TIPS Members reserve all rights and privileges under the applicable laws and regulations with respect to this procurement in the event of breach of contract by either party.

Does vendor agree?

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7**2 CFR Part 200 or Federal Provision - Termination**

Termination for cause and for convenience by the grantee or subgrantee including the manner by which it will be effected and the basis for settlement. (All contracts in excess of \$10,000)

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, ESC Region 8 and TIPS Members reserve the right to terminate any agreement in excess of \$10,000 resulting from this procurement process for cause after giving the vendor an appropriate opportunity and up to 30 days, to cure the causal breach of terms and conditions. ESC Region 8 and TIPS Members reserve the right to terminate any agreement in excess of \$10,000 resulting from this procurement process for convenience with 30 days notice in writing to the awarded vendor. The Vendor would be compensated for work performed and goods procured as of the termination date if for convenience of the ESC Region 8 and TIPS Members. Any award under this procurement process is not exclusive and the ESC Region 8 and TIPS reserves the right to purchase goods and services from other vendors when it is in the best interest of the ESC Region 8 and TIPS.

Does vendor agree?

7 2 CFR Part 200 or Federal Provision - Clean Air Act

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Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended—Contracts and subgrants of amounts in excess of \$150,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

Pursuant to the Clean Air Act, et al above, when federal funds are expended by ESC Region 8 and TIPS Members, ESC Region 8 and TIPS Members require that the proposer certify that during the term of an award by the ESC Region 8 and TIPS Members resulting from this procurement process the vendor agrees to comply with all of the above regulations, including all of the terms listed and referenced therein.

Does vendor agree?

Yes, Vendor agrees

7 2 CFR Part 200 or Federal Provision - Byrd Anti-Lobbying Amendment

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Byrd Anti-Lobbying Amendment (31 U.S.C. 1352)—Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, ESC Region 8 and TIPS Members require the proposer certify that during the term and during the life of any contract with ESC Region 8 and TIPS Members resulting from this procurement process the vendor certifies that it is in compliance with all applicable provisions of the Byrd Anti-Lobbying Amendment (31 U.S.C. 1352).

Does Vendor agree?

Yes, Vendor agrees

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0**2 CFR Part 200 or Federal Provision - Byrd Anti-Lobbying Amendment - Continued**

Applicable to Grants, Subgrants, Cooperative Agreements, and Contracts Exceeding \$100,000 in Federal Funds

Submission of this certification is a prerequisite for making or entering into this transaction and is imposed by the Byrd Anti-Lobbying Amendment (31 U.S.C. 1352). This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with the awarding of a Federal contract, the making of a Federal grant, the making of a Federal loan, the entering into a cooperative agreement, and the extension, continuation, renewal, amendment, or modification of a Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with this Federal grant or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all covered subawards exceeding \$100,000 in Federal funds at all appropriate tiers and that all subrecipients shall certify and disclose accordingly.

Does Vendor certify that it has NOT lobbied as described herein?

Yes, Vendor certifies - NO Reportable Lobbying

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1**2 CFR Part 200 or Federal Provision - Byrd Anti-Lobbying Amendment - Continued**

If you answered "No, Vendor does not certify - Lobbying to Report" to the above attribute question, you must download, read, execute, and upload the attachment entitled "Disclosure of Lobbying Activities - Standard Form - LLL", as instructed, to report the lobbying activities you performed or paid others to perform.

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2**2 CFR Part 200 or Federal Provision - Federal Rule**

Compliance with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR part 15). (Contracts, subcontracts, and subgrants of amounts in excess of \$100,000)

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, ESC Region 8 and TIPS Members requires the proposer certify that in performance of the contracts, subcontracts, and subgrants of amounts in excess of \$250,000, the vendor will be in compliance with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR part 15).

Does vendor certify compliance?

Yes, Vendor certifies

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2 CFR Part 200 or Federal Provision - Procurement of Recovered Materials

A non-Federal entity that is a state agency or agency of a political subdivision of a state and its contractors must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include: (1) procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; (2) procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

Does vendor certify that it is in compliance with these provisions?

Yes, Vendor certifies

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2 CFR Part 200 or Federal Provision - Rights to Inventions

If the Federal award meets the definition of "funding agreement" under 37 CFR §401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

Pursuant to the above, when the foregoing applies to ESC Region 8 and TIPS Members, Vendor certifies that during the term of an award resulting from this procurement process, Vendor agrees to comply with all applicable requirements as referenced in the Federal rule above.

Does vendor certify?

Yes, Vendor certifies

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2 CFR Part 200 or Federal Provision - Domestic Preferences for Procurements and Compliance with Buy America Provisions

As appropriate and to the extent consistent with law, TIPS Member Customers, to the greatest extent practicable under a Federal award, may provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). Vendor agrees that the requirements of this section will be included in all subawards including all contracts and purchase orders for work or products under this award, to the greatest extent practicable under a Federal award. For purposes of 2 CFR Part 200.322, "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States. Moreover, for purposes of 2 CFR Part 200.322, "Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum, plastics and polymer-based products such as polyvinyl chloride pipe, aggregates such as concrete, glass, including optical fiber, and lumber.

Vendor certifies that it is in compliance with all applicable provisions of the Buy America Act. Purchases made in accordance with the Buy America Act must still follow the applicable procurement rules calling for free and open competition. For purposes of 2 CFR Part 200.322,

"Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

"Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, Vendor certifies that to the greatest extent practicable Vendor will provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products).

Does Vendor Certify?

☒ Yes, Vendor certifies

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2 CFR Part 200 or Federal Provision - Ban on Foreign Telecommunications

ESC 8 and TIPS Members are prohibited from obligating or expending Federal financial assistance, to include loan or grant funds, to: (1) procure or obtain, (2) extend or renew a contract to procure or obtain, or (3) enter into a contract (or extend or renew a contract) to procure or obtain, equipment, services, or systems that use "covered telecommunications" equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. "Covered telecommunications" equipment is telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities), and physical security surveillance of critical infrastructure and other national security purposes, and video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities) for the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes detailed in 2 CFR § 200.216.

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, Vendor certifies that Vendor will not purchase equipment, services, or systems that use "covered telecommunications", as defined by 2 CFR §200.216 equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.

Does vendor certify?

☒ Yes, Vendor certifies

8 7 2 CFR Part 200 or Federal Provision - Contract Cost & Price

For contracts more than the simplified acquisition threshold currently set at \$250,000, a TIPS Member may, in very rare circumstances, be required to negotiate profit as a separate element of the price pursuant to 2 C.F.R. 200.324(b). Under those circumstances, Vendor agrees to provide information and negotiate with the TIPS Member regarding profit as a separate element of the price. However, Vendor certifies that the total price charged by the Vendor shall not exceed the Vendor's TIPS pricing and pricing terms proposed.

Does Vendor certify?

Yes, Vendor certifies

8 8 2 CFR Part 200 or Federal Provision - Equal Employment Opportunity

Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members on any federally assisted construction contract, the equal

opportunity clause is incorporated by reference here.

Does Vendor Certify?

Yes, Vendor certifies

8 9 2 CFR Part 200 or Federal Provision - Davis Bacon Act Compliance

Texas Statute requires compliance with Davis-Bacon Act, as amended (40 U.S.C. 3141-3148). When required by Federal program legislation, all prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144, and 3146- 3148) as supplemented by Department of Labor regulations (29 CFR Part 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non- Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with the Copeland "Anti-Kickback" Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.

Pursuant to state and federal requirements, Vendor certifies that it will be in compliance with all applicable Davis-Bacon Act provisions if/when applicable.

Does Vendor certify?

Yes, Vendor certifies

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2 CFR Part 200 or Federal Provision - Contract Work Hours and Safety Standards

Where applicable, all contracts awarded by ESC 8 and TIPS Members in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, Vendor certifies that during the term of an award for all contracts resulting from this procurement process, Vendor will be in compliance with all applicable provisions of the Contract Work Hours and Safety Standards Act.

Does Vendor certify?

Yes, Vendor certifies

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2 CFR Part 200 or Federal Provision - FEMA Fund Certification & Certification of Access to Records

If and when Vendor accepts a TIPS purchase paid for in full or part with FEMA funds, Vendor certifies that:

(1) Vendor agrees to provide the TIPS Member, the FEMA Administrator, the Comptroller General of the United States, or any of their authorized representatives access to and rights to reproduce any books, documents, papers, and records of the Contractor which are directly pertinent to this contract, or any contract resulting from this procurement, for the purposes of making audits, examinations, excerpts, and transcriptions. This right also includes timely and reasonable access to Vendor's personnel for the purpose of interview and discussion relating to such documents. Vendor agrees to provide the FEMA Administrator or an authorized representatives access to construction or other work sites pertaining to the work being completed under the contract. Vendor acknowledges and agrees that no language in this contract or the contract with the TIPS Member is intended to prohibit audits or internal reviews by the FEMA Administrator or the Comptroller General of the United States.

(2) The Vendor shall not use the Department of Homeland Security's seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA pre-approval.

(3) The Vendor will comply with all applicable Federal law, regulations, executive orders, FEMA policies, procedures, and directives.

(4) The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the non-Federal entity, contractor, or any other party pertaining to any matter resulting from the contract.

(5) The Vendor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the Vendor's actions pertaining to this contract.

Does Vendor certify?

Yes, Vendor certifies

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2 CFR Part 200 or Federal Provision - Certification of Compliance with the Energy Policy and Conservation Act

When appropriate and to the extent consistent with the law, Vendor certifies that it will comply with the Energy Policy and Conservation Act (42 U.S.C. 6321 et seq; 49 C.F.R. Part 18) and any state mandatory standards and policies relating to energy efficiency which are contained in applicable state energy conservation plans issued in compliance with the Act.

Does Vendor certify?

Yes, Vendor certifies

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3**2 CFR Part 200 or Federal Provision - Certification of Compliance with Never Contract with the Enemy**

Where applicable, all contracts awarded by ESC 8 and TIPS Members in excess of \$50,000.00, within the period of performance, and which are performed outside of the United States, including U.S. territories, are subject to the regulations implementing Never Contract with the Enemy in 2 CFR part 183. Per 2 CFR part 183, in the situation specified, ESC 8 and TIPS Members shall terminate any contract or agreement resulting from this procurement which violates the Never Contract with the Enemy regulation in 2 CFR part 183, including if Vendor is actively opposing the United States or coalition forces involved in a contingency operation in which members of the the Armed Forces are actively engaged in hostilities. Vendor certifies that it is neither an excluded entity under the System for Award Management (SAM) nor Federal Awardee Performance and Integrity Information System (FAPIS) for any contract terminated due to Never Contract with the Enemy as a Termination for Material Failure to Comply.

Does Vendor certify?

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4**2 CFR Part 200 or Federal Provision - Certification of Compliance with EPA Regulations**

For contracts resulting from this procurement, in excess of \$100,000.00 and paid for with federal funds, Vendor certifies that Vendor will comply with all applicable standards, orders, regulations, and/or requirements issued pursuant to the Clean Air Act of 1970, as amended (42 U.S.C. 1857(h)), Section 508 of the Clean Water Act, as amended (33 U.S.C. 1368), Executive Order 117389 and Environmental Protection Agency Regulation, 40 CFR Part 15.

Does Vendor certify?

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5**2 CFR Part 200 or Federal Provision - Record Retention Requirements**

For contracts resulting from this procurement, paid for by ESC 8 or TIPS Members with federal funds, Vendor certifies that Vendor will comply with the record retention requirements detailed in 2 CFR § 200.334. Vendor certifies that Vendor will retain all records as required by 2 CFR § 200.334 for a period of three years after final expenditure or financial reports, as applicable, and all other pending matters are closed.

Does Vendor certify?

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6**2 CFR Part 200 or Federal Provision - Subcontracting and Affirmative Steps for Small and Minority Businesses, Women's Business Enterprises, and Labor Surplus Area Firms.**

Do you ever anticipate the possibility of subcontracting any of your work under this award if you are successful?

If you respond "Yes", you must respond to the following attribute question accurately. If you respond "No", you may skip the following attribute question.

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2 CFR Part 200 or Federal Provision - If "Yes" Response to Above Attribute - Continued - Subcontracting and Affirmative Steps for Small and Minority Businesses, Women's Business Enterprises, and Labor Surplus Area Firms.

Only respond to this question if you responded "Yes" to the attribute question directly above. Skip this question if you responded "No" to the attribute question directly above.

Does Vendor certify that it will follow the following affirmative steps? Federal Regulation 2 CFR §200.321 Contracting with small and minority businesses, women's business enterprises, and labor surplus area firms. (a)The non-Federal entity must take all necessary affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible.

(b) Affirmative steps must include:

- (1) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
- (2) Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
- (3) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
- (4) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises;
- (5) Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce ; and
- (6) Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs(1) through (5) of this section.

Does Vendor certify?

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ACKNOWLEDGMENT & BINDING CORPORATE AUTHORITY

By submitting this proposal, the individual(s) submitting on behalf of the Vendor certify that they are authorized by Vendor to complete and submit this proposal on behalf of Vendor and that this proposal was duly submitted on behalf of Vendor by authority of its governing body, if any, and within the scope of its corporate powers.

Vendor further certifies that it has read, examined, and understands all portions of this solicitation including but not limited to all attribute questions, attachments, solicitation documents, bid notes, and the Vendor Agreement(s). Vendor certifies that, if necessary, Vendor has consulted with counsel in understanding all portions of this solicitation.

TIPS 240101 Technology Solutions, Products, and Services	Cinetcomm LLC
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TIPS REFERENCE FORM

All requested information must be typed and uploaded in Excel format. Do not handwrite or upload in any format other than Excel. Emails provided must be current and active. Do not include TIPS/Region 8 employees as a reference. The entities that you provide must be paying customers, not affiliates/partners/manufacturers/resellers, etc.

You must provide below at least three (3) references from three different entity customers, preferably government or non-profit entities, who have purchased goods or services from your vendor entity within the last three years.

Customer Entity Name	Customer Contact Name	Valid Contact Email	Valid Contact Phone
Example: ABC University	Director John Doe	jdoe@abcuniverisity.edu	800-111- 2222
Douglas County Sheriff's Office, NV	Ron Elges	regles@douglasNV.us	775-586-7250
Nevada Dept of Public Safety	LTC Martin Mleczko	mmleczko@state.nv.us	702-577-6110
US Department of Energy	William Nichols	NickelWR@nv.e.gov	702-630-0054
Cook County Department of Emergency Management and Regional Security	Scott Peirson	Scott.Peirson@cookcountyil.gov	312-48-5711
Witt Obrien Consulting US Puerto Rico and US Virgin Island Govt.	Dick Price	dprice@wittobriens.com	214-684-1082
Royal Bahamas Police Force	Comm. Zhivago Dames	Zhivago.dames@rbpf.bs	242-325-0740

REQUIRED CONFIDENTIALITY CLAIM FORM

(VENDOR MUST COMPLETE THE FOLLOWING VENDOR INFORMATION)

Vendor Entity Name: CINETCOMM, LLC

Vendor Authorized Signatory Name: TOM D. SOUMAS, JR

Vendor Authorized Signatory Title: PRESIDENT, CEO

Vendor Authorized Signatory Email: TSOUMAS@CINETCOMM.COM

Vendor Address: 770 E WARM SPRINGS ROAD

City: LAS VEGA State: NV Zip Code: 89119

Vendor agrees that it is voluntarily providing its data (including but not limited to: Vendor information, Vendor documentation, Vendor's proposal, Vendor pricing submitted or provided to TIPS, TIPS contract documents, TIPS correspondence, Vendor logos and images, Vendor's contact information, Vendor's brochures and commercial information, Vendor's financial information, Vendor's certifications, and any other Vendor information or documentation submitted to TIPS by Vendor and its agents) (Hereinafter, "Vendor Data") to TIPS. Vendor understands and agrees that TIPS is a government entity subject to public information laws including but not limited to Texas Government Code (TGC) Chapter 552. Vendor agrees that regardless of confidentiality designations herein, Vendor's submission of a proposal constitutes Vendor's consent to the disclosure and release of Vendor's Data and comprehensive proposal, including any information deemed confidential or proprietary herein, to and by TIPS Members.

Notwithstanding the foregoing permissible release to TIPS Members, if Vendor considers any portion of Vendor's proposal to be otherwise confidential and not subject to public disclosure pursuant to public information laws, including but not limited to TGC Chapter 552, Vendor must properly execute **Option 1 only** below, attach to this PDF all documents and information that Vendor deems confidential, and upload the consolidated documentation. Regardless of the Option selected below, this form must be completed and uploaded to the "Response Attachments" section of the eBid System entitled "Required Confidentiality Claim Form." Execution and submission of this form is the sole indicator of whether Vendor considers any Vendor Data confidential in the event TIPS receives a request, a Public Information Request, or subpoena. If TIPS receives a request, any responsive documentation not deemed confidential by you through proper execution of Option 1 of this form will be automatically released. For information deemed confidential by you through proper execution of Option 1 of this form, TIPS will follow procedures of controlling statute(s) regarding withholding that documentation and shall not be liable for any release of information required by law, including Attorney General opinion or court order.

(VENDOR MUST COMPLETE ONE OF THE TWO OPTIONS AND UPLOAD IN THE EBID SYSTEM)

OPTION 1 – DESIGNATING CONFIDENTIAL MATERIALS – YES, VENDOR HAS ATTACHED CONFIDENTIAL MATERIALS

(Confirm each bullet point and sign below)

- Vendor claims some Vendor Data confidential to the extent permitted by TGC Chapter 552 and other applicable law.
- Vendor attached to this PDF all potentially confidential Vendor Data and listed the number of attached pages below.
- Vendor's authorized signatory has signed below and shall upload this document in the proper location in the eBid System.
- Vendor agrees that TIPS shall not be liable for any release of confidential information required by law.

Number of pages attached deemed confidential: _____

Authorized Signature: _____

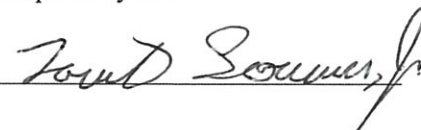
OPTION 2 – WAIVER OF CONFIDENTIALITY – NO, VENDOR HAS NOT ATTACHED CONFIDENTIAL MATERIALS

(Confirm each bullet point and sign below)

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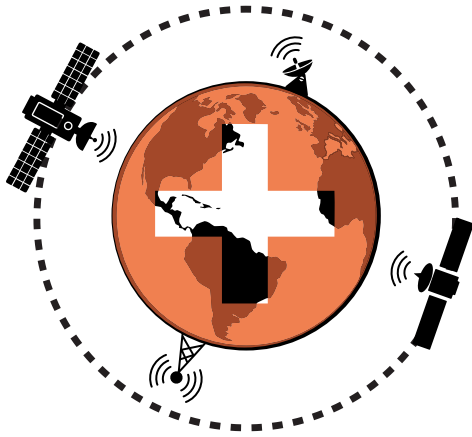
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FIRST RESPONDER'S GUIDE TO SATELLITE COMMUNICATIONS

Presented by: **Via Satellite**



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First Responders jump into harm's way without question....



Jumping in without good communications should be out of the question!

Events don't give you a choice where you might respond. LMR and LTE networks can be down, but you still need to coordinate operations, share information and talk on the radio.

TotalConnex by Cinetcomm is a hybrid network solution that uses LMR, LTE, FirstNet and Satellite backbones interchangeably with no user intervention. This network covers 100% of North America and beyond, providing 2-way radio, broadband data and situational awareness in any condition. **TotalConnex** works with existing radio equipment, smart-phones, tablets and satellite terminals to keep your team coordinated and connected.

Call or visit Cinetcomm today to learn more and prepare for future responses.



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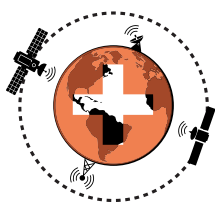


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VIA SATELLITE WELCOME LETTER

Via Satellite

Hello and welcome to our updated 2018 First Responders Guide to Satellite Communications, a vital guide to all of those who have to respond to extreme weather like hurricanes, earthquakes and tropical storms, to name a few. It is an interesting time to be producing such a guide for a number of reasons. There is little doubt that climate change is a reality, and we are seeing a fairly consistent number of natural disasters in all parts of the world. Natural disasters lead to loss of life, loss of infrastructure and the task of a rebuild, both in the short term and the long term. Satellite communications has always, and will continue to provide a vital role in all aspects of this rebuild. What has changed over the last few years is that the technology has gotten better, cheaper and more efficient than what has previously seen before. More effective technology in the immediate aftermath saves lives, both of people caught up in the tragedy as well as people such as medics, firefighters etc. Satellite technology can and does make a huge difference. It probably makes more of a difference than many of us realize.

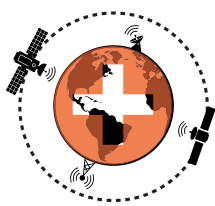
So, why do we need this guide? The fact is satellite technology is more complex than ever before with satellites operating at different orbits, and different capabilities now being offered. For first responders, having a knowledge of the solutions available and how they can be deployed is vital. With the satellite industry developing at a faster pace than ever before, people involved in first response efforts need to have an understanding of the changing nature of satellite technology and how it can help them with their efforts. It really could make the difference between life and death. The importance of communications in these situations cannot be understated. This guide could actually make a difference and that is a pretty compelling reason for us to put it together.

No-one wants to see natural disasters but they are now a fact of life. And while there are always likely to be life changing and often horrific consequences, at least with better technology we can save lives and provide the communications on the ground that will give people hope for the future.

This guide will provide you all you need to know about the satellite industry and how its technology can make a difference to first response efforts.



Mark Holmes
Editorial Director
Via Satellite



Via Satellite

FIRST RESPONDER'S GUIDE TO SATELLITE COMMUNICATIONS

SATELLITE INDUSTRY ASSOCIATION WELCOME LETTER



In the weeks following Hurricane Maria, a lengthy queue formed at Derkes Pharmacy, in Guayama Puerto Rico, a town of 45,000 people an hour's drive from San Juan. The wait was not for medicine, but for access to the town's only working phone — a satellite phone. It allowed for communication to the outside world while 1,500 of the 1,600 cell towers on the island were destroyed.

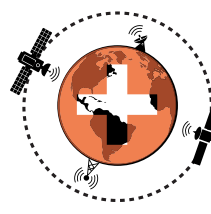
Hurricanes Harvey, Irma, and Maria wreaked havoc on U.S. infrastructure in 2017; the lack of operable, terrestrial communications infrastructure resulting from these disasters severely impeded command and control functions, situational awareness, and therefore, the disaster relief and recovery efforts of first responders. When the telephone and broadcast networks went down, satellites remained on the job. Satellites connected emergency personnel and other first responders. Satellites reunited families. Satellites reconnected communities. Satellites enabled the heroes on the ground to save lives and made the difference when it mattered most. In many of the affected areas, satellites provided the only source of communications in the hours, days, and weeks following these events. Satellites provided the basic “operability” that terrestrial networks could not provide following those disasters.

The Satellite Industry Association (SIA) and its member companies thank you for reading the updated 2018 First Responder's Guide to Satellite Communications. We hope the information in this guide provides users in public safety, homeland security, and emergency preparedness with the fundamental information needed to effectively incorporate satellite communications into the preparations for the next natural or man-made disaster.

Tom Stroup
President
Satellite Industry Association

SIA is a U.S.-based trade association providing worldwide representation of the leading satellite operators, service providers, manufacturers, launch services providers, and ground equipment suppliers. SIA is the unified voice of the U.S. satellite industry on policy, regulatory, and legislative issues affecting the satellite business. Additional information can be found at www.sia.org.

SIA Executive Members Include: AT&T Services, Inc.; The Boeing Company; EchoStar Corporation; Intelsat S.A.; Iridium Communications, Inc.; Kratos Defense & Security Solutions, Inc.; Ligado Networks; Lockheed Martin Corporation; Maxar Technologies; Northrup Grumman Corporation; OneWeb; SES Americom, Inc.; Space Exploration Technologies Corp.; Spire Global Inc.; Viasat, Inc.; Associate Members Include: ABS US Corp.; AGI; Artel, LLC; Blue Origin; DataPath Inc; Eutelsat America Corporation; Globecom; Glowlink Communications Technologies, Inc.; Hawkeye 360; Hughes Defense and Intelligent Systems Division/Government Solutions; Inmarsat, Inc.; Kymeta Corporation; L3 Technologies; SES; Panasonic Avionics Corporation; Planet; Telesat; TrustComm, Inc.; Ullisat; XTAR, LLC; Affiliate Members Include: The Aerospace Corporation; COMSAT; Phasor; Wiley Rein, LLP.



I. WHY SATELLITE

A. WHY CONSIDER SATELLITE-BASED WIRELESS?

In the face of natural or man-made disasters when everything used to communicate in “normal” conditions has disappeared, satellite-based wireless networks provide highly robust, mission-critical connectivity for responders. Satellites provide communications load sharing and supplemental capacity for large command-level sites, as well as essential connectivity for small teams and individuals at the forefront of a response. Satellite-based wireless excels in providing redundant and resilient connectivity in **any** situation.

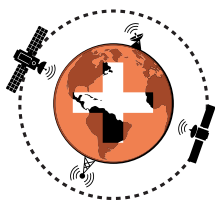
B. WHAT'S NEW?

Satellite-based networks have evolved in many ways over the past few years. They now blend with terrestrial network elements including two-way radio and 3G/4G/LTE/B14. Field elements come in a wide variety of mission configurations that meet every possible scenario for the response and recovery situations faced on a daily basis, as well as under exceptional circumstances.

While single-line satellite telephones continue to be a backpack essential for responders jumping into an area with impaired communications, satellite broadband units of nearly the same size now offer advanced enterprise level communication with the same ease of transport into any disaster.

New generations of satellite platforms in Low-Earth-Orbit (LEO), Middle-Earth-Orbit (MEO) and Geosynchronous Earth Orbit (GEO) have made wireless communications through towers up in the sky an entirely new ballgame. Broadband data capabilities in portable and mobile terminals that can be hand carried or easily placed onto vehicles now reach multi-megabit speeds. Emergency Operation Centers (EOCs) and field command locations can now obtain up to 200 megabit speeds using the newest innovation, High Throughput Satellites (HTS), recently placed into orbit above North America. Advanced satellite infrastructure and new constellations enables data-centric applications such as wide-area two-way radio, broadband data and video, that heretofore could only be achieved with extensive terrestrial-based infrastructure, or earlier generation massive satellite terminals.





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FIRST RESPONDER'S GUIDE TO SATELLITE COMMUNICATIONS

C. BENEFITS OF SATELLITE

- ▶ **Truly Ubiquitous Coverage:** Satellite constellations and their integrated network backbones now cover 100% of planet Earth! All weather capabilities, coupled with unique networking attributes means responders need not worry about connectivity challenges, whatever locale they might be dropped into.
- ▶ **Instant Infrastructure:** Satellite-based wireless services enable instantaneous connectivity when there is little or no available terrestrial infrastructure due to event-related damage, or when response missions take you to locations where terrestrial backbones simply do not exist.
- ▶ **Secure Infrastructure:** Satellite-based wireless networks offer the same secure communications as terrestrial-based systems through the use of both hardware and encryption applications. Like terrestrial networks, satellite system network security ranges from very simple to extremely sophisticated, and can be implemented based on an agency's applications and cybersecurity requirements.
- ▶ **Backup Infrastructure:** Satellite-based wireless has the capacity to provide large bandwidth data pipes to aid in restoration of damaged or destroyed infrastructure, as well as create resilient communications within affected areas for longer-term recovery operations after a disaster or other extraordinary event.
- ▶ **Temporary Network Solutions:** The 2017 hurricane season presented some especially challenging communication situations for responders, some of which have continued well into 2018. In most cases satellite-based connectivity solutions provided the mission-critical connectivity to coordinate operations and render essential aid. This attribute is a key tenet of satellite-based wireless communications. The same satellites used in news gathering, homeland security and the military, enables response and recovery activities to flow with efficiency and resiliency for responders in the face of the destruction into which they have ventured.
- ▶ **Rapid Provisioning of Services:** Terrestrial networks supporting responders are ready when events take place through advance preparation and planning. Satellite networks are no different. Pre-planning is key! Satellite-based wireless solutions can be set up very quickly, especially when fail-over has already been established in conjunction with existing terrestrial-based communications networks. Creating resilience within existing agency networks through satellite means that services can be recovered and reconfigured quickly when events strike, sometimes with zero intervention.



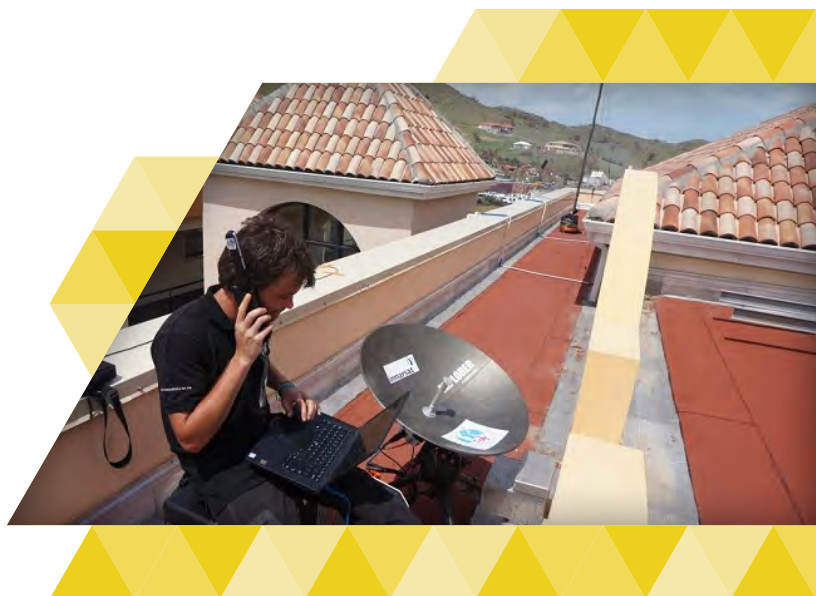
In addition, when traditional terrestrial networks disappear, responders can achieve a high level of voice, data and video communication instantaneously, in any affected area, with satellite-based wireless solutions.

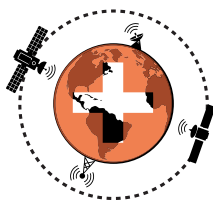
II. SATELLITE CAPABILITIES

Satellite-based wireless communications routinely work in remote locales lacking terrestrial infrastructure (e.g. mining, offshore oil platforms). This same functionality excels in situations where normal terrestrial systems become impaired or overloaded due to some extraordinary event. First responders who integrate satellite into their mission toolkit will be able to act quickly in preparation for and recovery from any emergency.

More than simply a communications gap filler, satellite-based wireless creates a solid foundation for a successful response. A few examples of this mission-critical assistance includes:

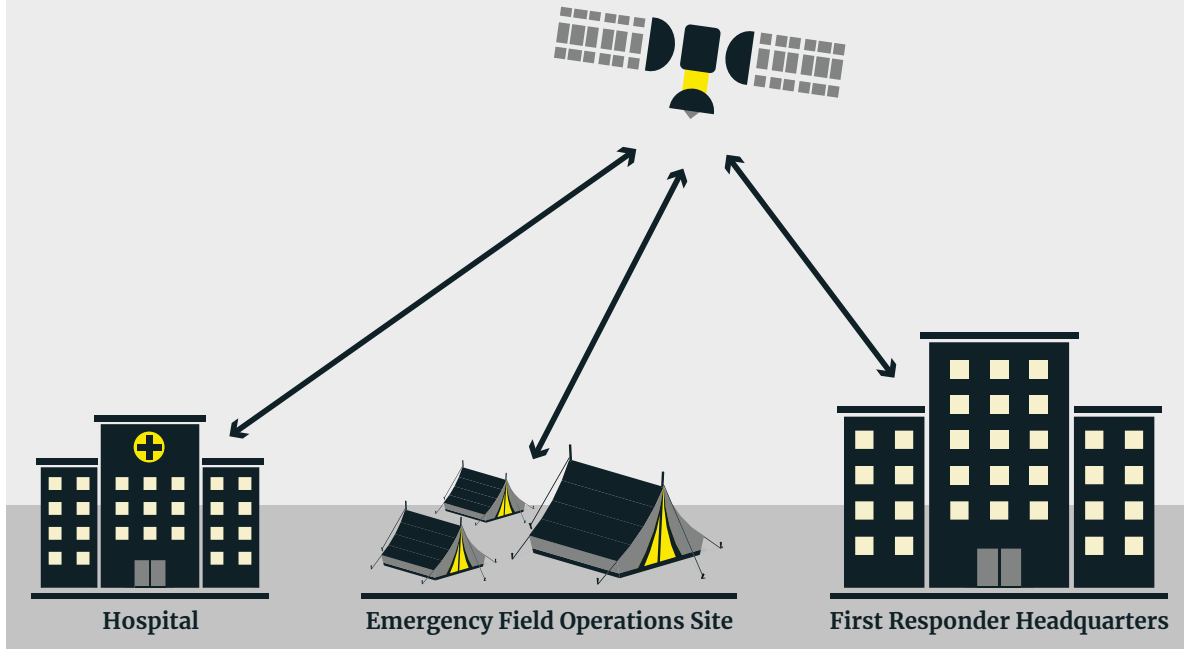
- ▶ Gain critical visibility into weather patterns and response area conditions before, during and after an incident;
- ▶ Interconnecting widely dispersed, incident-specific, responder two-way radio networks;
- ▶ Providing mission-critical interoperability between disparate radio systems and data networks of various responding agencies;
- ▶ Provide shared information and situational video from and across an entire disaster area, regardless of size, in coordination with all responding agencies;
- ▶ Direct, receive and use video and sensor information from advanced Unmanned Aerial Vehicle (UAV) platforms;
- ▶ Providing voice and data network connectivity for the “last mile” when traditional terrestrial-based networks have become impaired, or are simply not available where response is required; and
- ▶ Providing mobile wideband and narrow-band communication tools to enable agile voice, two-way radio, data and video communications for remote responders.



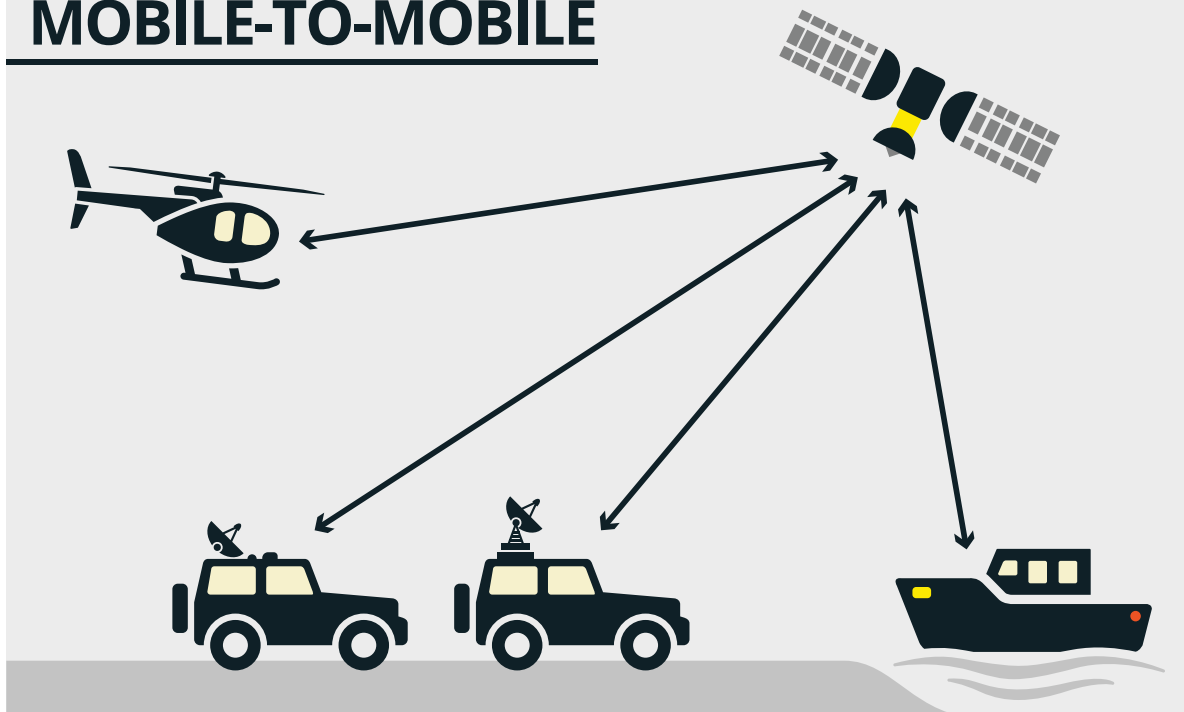


III. HOW IT WORKS

FIXED-TO-FIXED



MOBILE-TO-MOBILE



INMARSAT GX TYPE-
APPROVED TERMINAL

ENDLESS APPLICATIONS. **ONE FAST SOLUTION.**

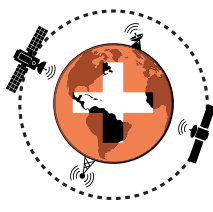


Highly transportable, rugged and reliable, L3 GCS' Hawkeye™ III Lite is setting the new standard for next-generation VSAT performance. All-new features include our embedded ViewSAT™-e web-based GUI, as well as our enhanced ODU, utilizing the latest version of the iDirect e900 modem. Rapidly deployable and able to switch quickly between bands, the Hawkeye III Lite keeps you informed when it matters most. **L3T.com/GCS**

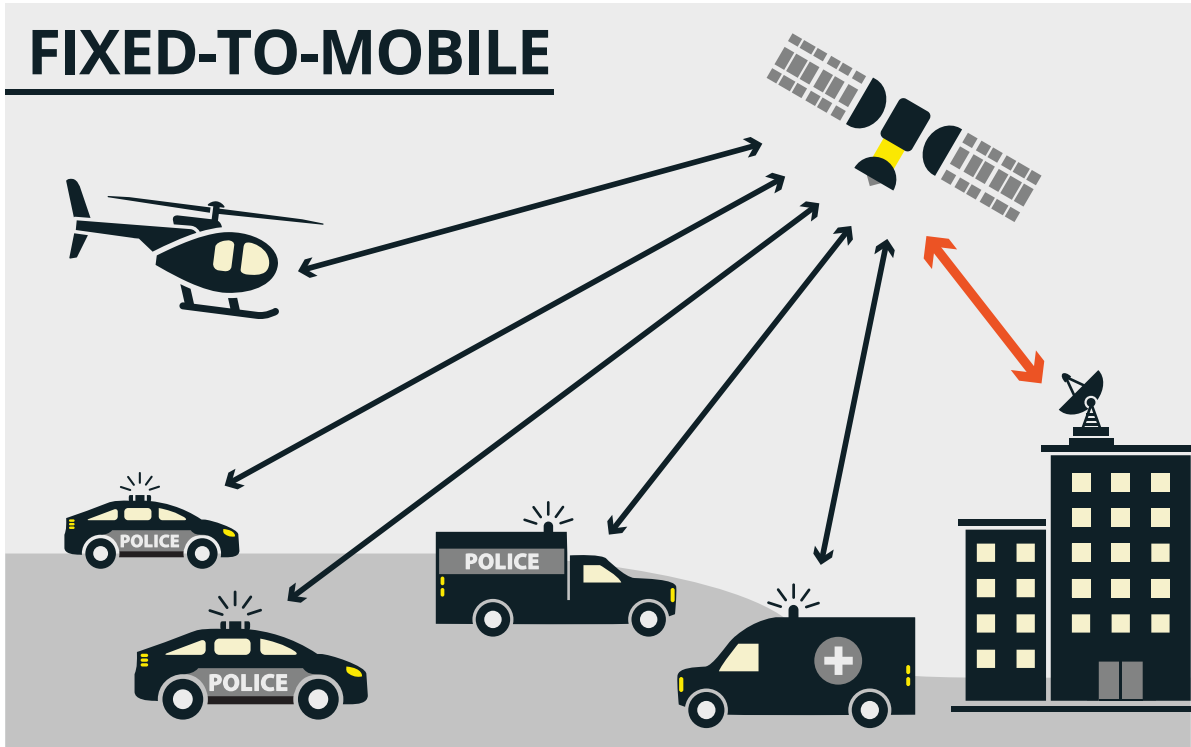


L3T.COM
ELECTRONIC SYSTEMS
AEROSPACE SYSTEMS
COMMUNICATION SYSTEMS
SENSOR SYSTEMS

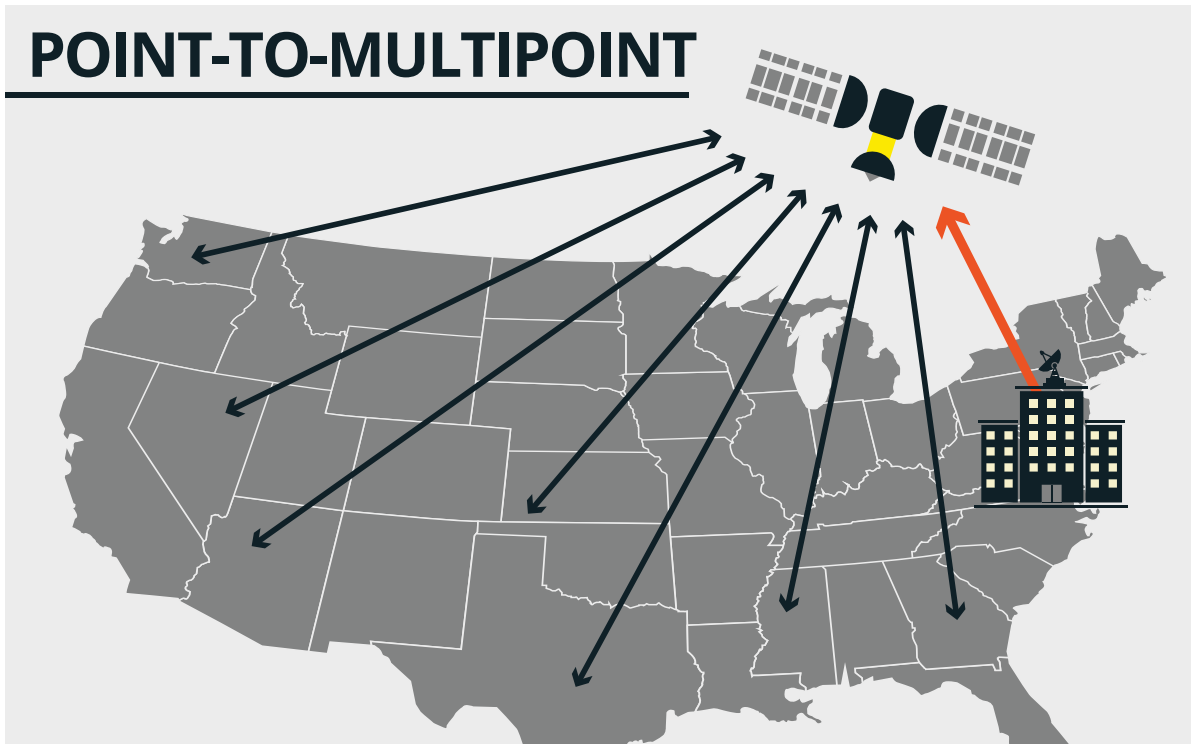
GCS

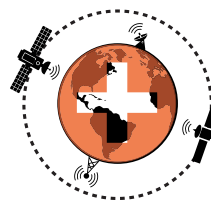


FIXED-TO-MOBILE



POINT-TO-MULTIPOINT



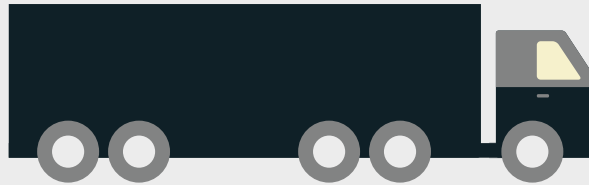


INTEROPERABILITY

Satellite communications can interconnect with any other communications solution via generic crossbanding equipment.



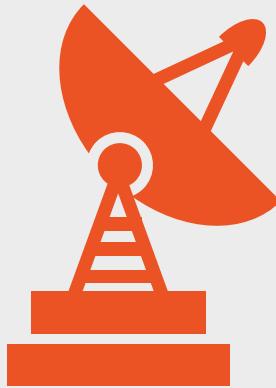
Cell Tower



Asset Tracking



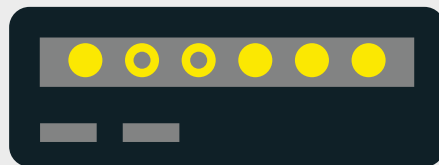
Wi-Fi or
WiMAX HotSpot



Live Video/
Situation Awareness



Satellite Phone



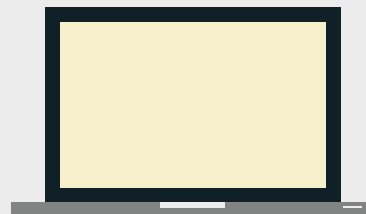
Generic Crossbanding
Equipment



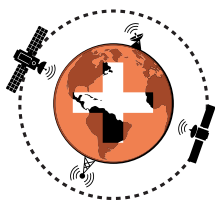
2-Way Radio



VOIP Desk Phone



Wireless Internet



Via Satellite

FIRST RESPONDER'S GUIDE TO SATELLITE COMMUNICATIONS

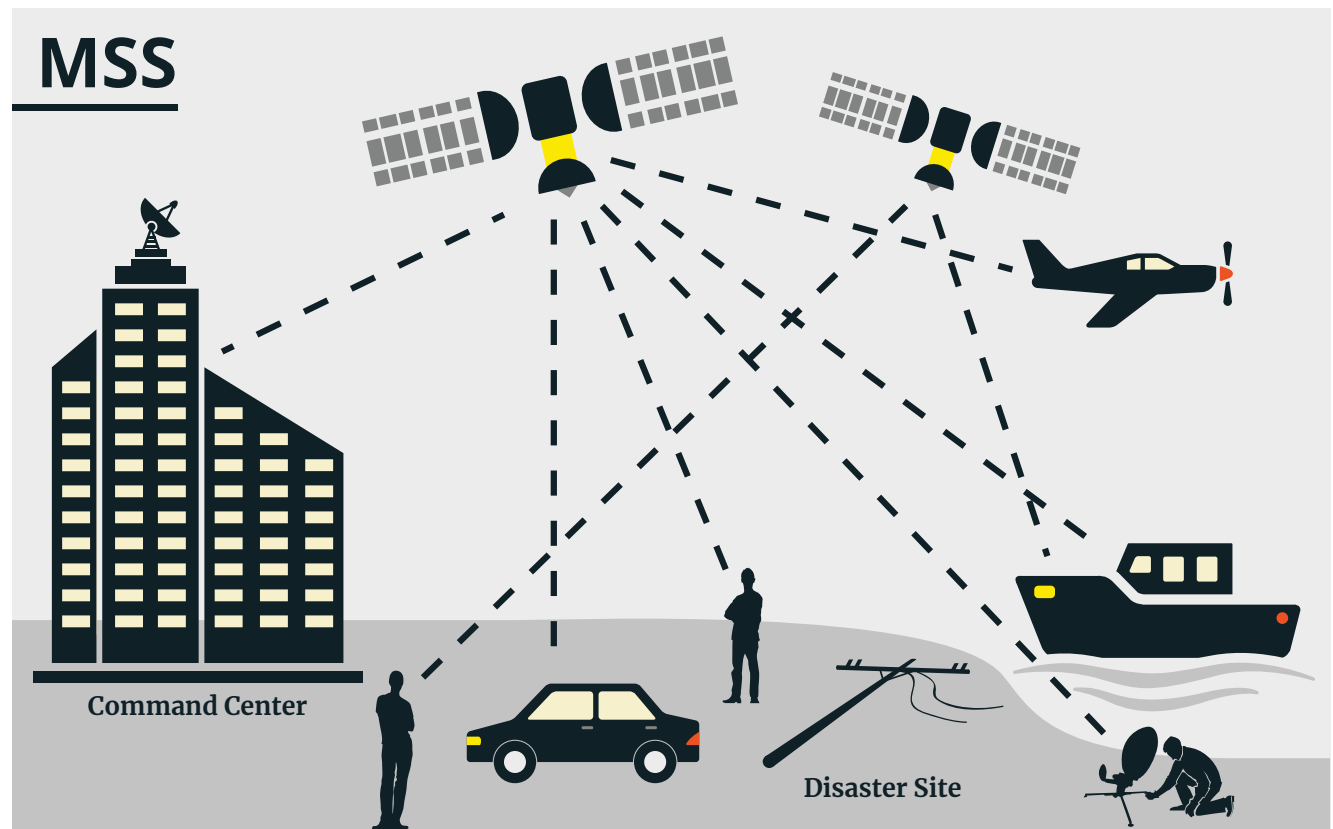
A. MOBILE SATELLITE SERVICES (MSS)

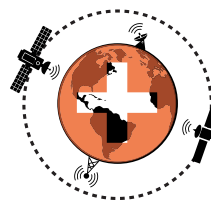
Mobile Satellite Services (MSS) are solutions that comprise networks of special communications satellites feeding handsets, lightweight portable and mobile terminals. MSS offers unprecedented capabilities in a fashion one could only dream about a few short years ago.

Typically used “on-the-move” or “on-the-pause” by field forces, MSS terminals can be mounted on ships, airplanes, vehicles, and carried by individuals. Satellite-based asset tags little larger than a deck of cards can keep track of critical response assets and relief materials.

MSS devices are essential for individuals and small teams at the forefront of any response. Today's MSS terminals possess native capabilities that not only include voice, two-way Push to Talk (PTT), video, data services and Wi-Fi, but also integrate terrestrial wireless (LMR/3G/4G/LTE/B14) and satellite technologies into fully interoperable elements.

In today's Bring Your Own Device (BYOD) world, responder provided laptops, tablets and smartphones equipped with Wi-Fi become extensions of MSS terminals out in the field. Mobile satellite network providers now offer enhanced services that blur the lines between terrestrial and satellite backbones, making it easier for responders to use the devices they are familiar with truly anywhere.

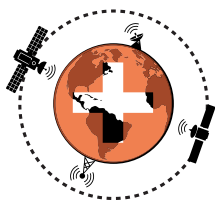




MSS Applications

- ▶ Mobile voice, data and video communications
- ▶ Enterprise-level push-to-talk radio
- ▶ Communications on the move
- ▶ Location-based technologies for response asset and field team coordination
- ▶ Responder tracking, status and alerting
- ▶ Remote monitoring
- ▶ Event reporting
- ▶ SMS messaging





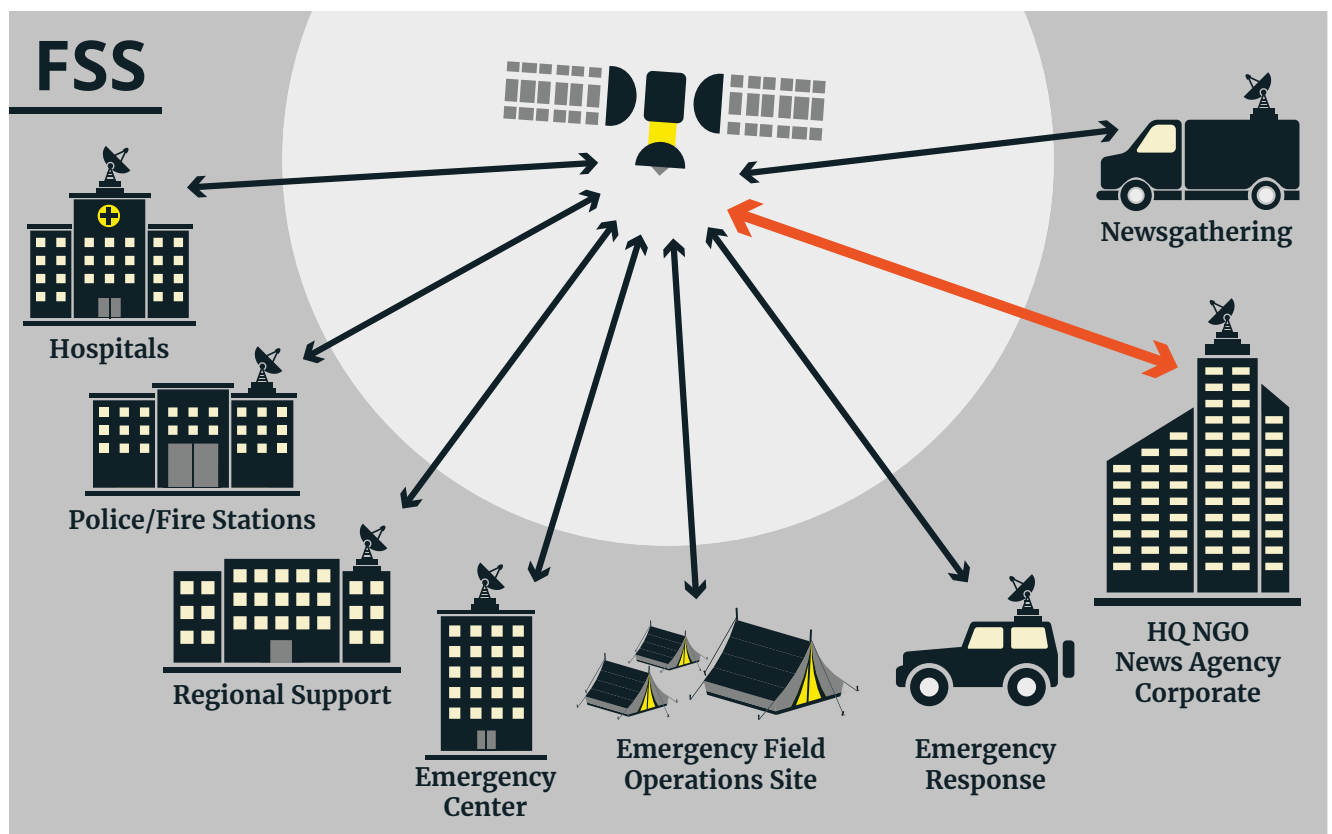
Via Satellite

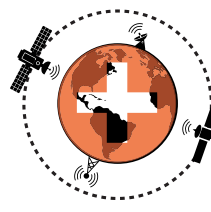
FIRST RESPONDER'S GUIDE TO SATELLITE COMMUNICATIONS

B. FIXED SATELLITE SERVICES (FSS)

Fixed Satellite Service (FSS) typically refers to wide-band, higher data rate satellite services such as those used by fixed location EOCs, large command vehicles or responders who broadcast video on the move through UAVs or from units at a disaster scene. These operations rely on advance capability enterprise-level terminals to communicate via satellites.

Today's FSS are no longer limited to "fixed" locations, communicating across a multitude of Connectivity-on-the-move (COTM), Connectivity-on-the-Halt (COTH), and UAV platforms — pushing large amounts of incident data, situational video, and command level information for response and recovery operations. This class of service rides the latest advancements in satellite-based communication backbones, including High Throughput Satellites (HTS) with up to 200 megabits of service. FSS terminals now have a level of portability that allows the highest level of service in the most remote or communications-impaired locations. FSS network topology can be set-up to provide point-to-multi-point broadcast, point-to-point two-way mesh connectivity, even field-to-hub stand-alone connectivity.

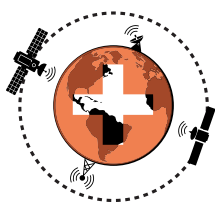




FSS Applications

- ▶ Two-way radio network backbones
- ▶ Cellular restoration
- ▶ Emergency phone bank
- ▶ UAV operations
- ▶ Command and control
situational video
- ▶ Voice Over IP (VOIP)
- ▶ Broadband internet access
- ▶ Telemedicine
- ▶ Video conferencing





Via Satellite

FIRST RESPONDER'S GUIDE TO SATELLITE COMMUNICATIONS

C. VSAT FSS & MSS Networks

Very Small Aperture Terminals (VSATs) take many forms. For responders, regardless of terminal type or network operator, it means data and video transfers at broadband speeds (typically more than 400 Kbps). Antenna and terminal sizes vary based on the individual installation on both MSS and FSS networks. Functionality across VSAT networks take many forms:

- ▶ Fixed sites at EOCs, government facilities, hospitals or public safety access points, for failover and resiliency;
- ▶ Responders operating smaller vehicles (SUVs, pick-ups) as “first-on-scene” with COTM or COTH back-packable portable satellite terminals;
- ▶ Command-level vehicles (COTH) with multi-megabit capabilities to support a force-level response out in the field;
- ▶ Auto-deploy portable VSAT trailers with radio towers, repeaters and power generation; and
- ▶ Portable modular VSAT kits with stand-alone electronics and gensets for instant infrastructure when other elements are impractical to deploy in a timely manner.

In all the above installations, antenna sizes can range from 10-inch mobile broadband to 2-meter auto-deploy and fixed antenna elements.

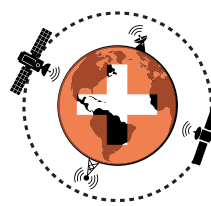
Fixed sites have antennas that are designed to maintain communications resiliency whatever is thrown at the location by Mother Nature, with available specialty systems certified to operate in 200 mph sustained winds.

Command-level, trailer and portable systems can be on the air in as little as five minutes with the touch of a single button to make systems operational.

Satellite network providers can provide levels of service to support and sustain missions from response through recovery and restoration. Many carriers provide dial-up voice, two-way radio, video services, private network data and internet access.

If your agency needs an alternate location to maintain fail-over infrastructure, many satellite operators have co-location data centers at teleports to host this functionality. Thus, the VSAT services can carry radio, voice, data and video even if the agency location is impaired or destroyed.

▶ **IOT VSAT:** With sensors of all nature providing data from points in the field as part of the Internet of Things (IOT), inexpensive micro-VSATs are increasingly deployed at much slower speeds for transmission of critical data, such as water-level sensors on waterways or wind speeds at critical infrastructure sites. The information provided from these sites can be critical to situational awareness, and help shape the response strategy.



D. FIRST RESPONDERS SATELLITE-BASED WIRELESS APPLICATIONS

The line between types of MSS/FSS services and the terminals used to receive them has blurred to the point where single-function equipment has all but disappeared. In 2018, while some satellite telephone handsets and asset tags still operate on proprietary standards, the majority of satellite-based wireless systems are now IP-centric. This is the thread of commonality that ties all response elements and satellite-based wireless together. Your computers, smartphones and tablets are all IP-centric. In an IP-centric world any function that uses bits and bytes, from video streaming and internet access to simple messaging, will operate through a wide variety of terminals, across LEO-, MEO- and GEO-based satellite network backbones, with plug-and-play simplicity.

This is positive news for first responders. There are now more ways than ever to extend what is used in everyday operations through advanced satellite-based wireless backbones. You don't have to be a satellite expert to use a smartphone to get to your applications or use two-way radio to talk back to your dispatch, even if you're responding thousands of miles away from home base.

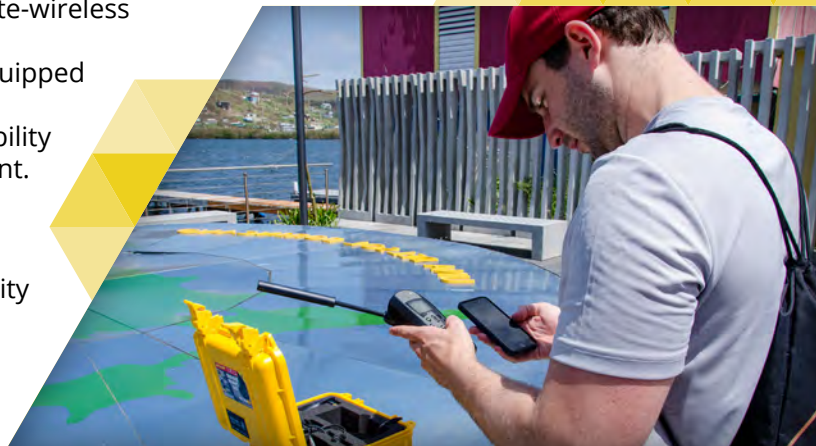
Here is a run-down on some of the service categories and functionality that are enabled today via satellite-based wireless backbones. Some services and functions are value-add and specific to certain satellite carriers:

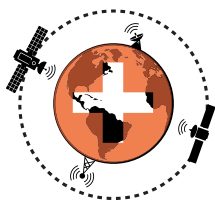
- ▶ **Dial-Up Voice:** This functionality is still an essential element in any response. From individual to enterprise, systems scale according to your plans, resources, and the size of the actual emergency. You can use satellite telephone handsets, with a monthly access charge for standby service, and pay by the minute when used, which usually doesn't matter in an emergency. If you have telephone service across VSAT systems, you can get multiple lines with "in-office" functionality, usually at a fixed cost per-line, with 10-digit telephone numbers, and no per-minute charges.
- ▶ **Two-Way Radio:** There are proprietary satellite-based two-way radio networks that require specific terminals, and then there are standards-based two-way networks that flow across MSS/FSS satellite and terrestrial networks in tandem. In both cases these two-way products can function on a stand-alone basis if nothing else is available in a disaster. Two-way radio networks that traverse satellite and terrestrial networks in tandem provide 100% coverage across North America and beyond.

A key element of satellite-based two-way radio is the ability to have infinite interoperability through the joining together, at a network level, of disparate two-way radio equipment and network backbones.

Two-way radio repeaters can be added to remote satellite-wireless terminals to create a tactical operating area, enabling collaborative communication among dozens of radio-equipped responders. In this scenario, a single-repeater-equipped satellite MSS/FSS terminal can treble the response capability of a field force using an agency's existing radio equipment.

Costs for use of these networks is usually fixed per month, with a range of pricing that depends on the number of carriers subscribed and requested functionality (channels, number of units, etc.).

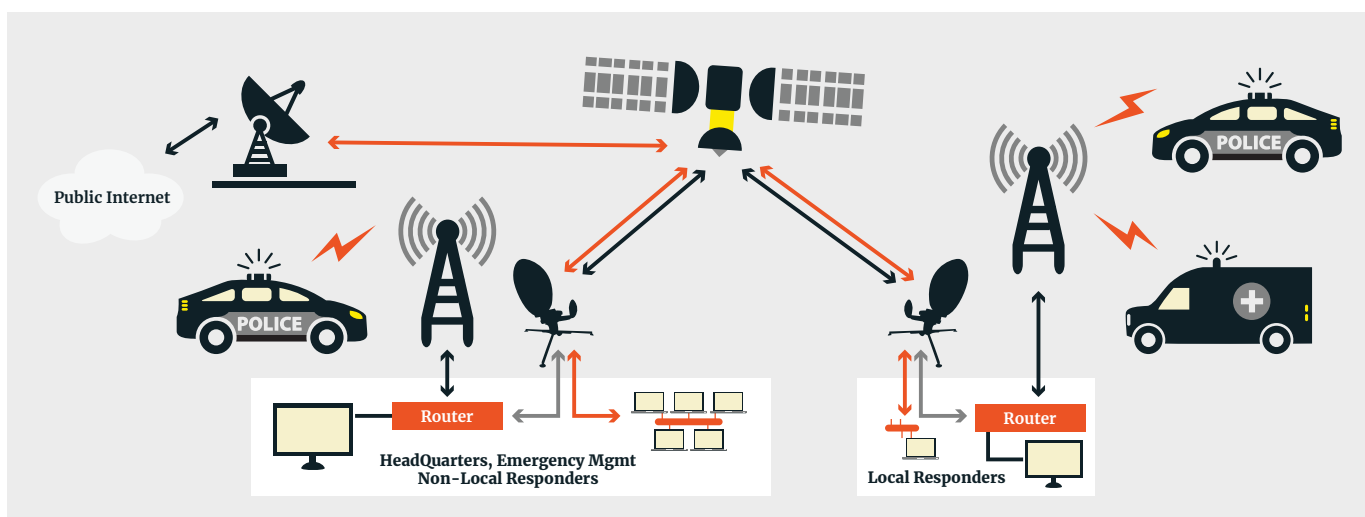




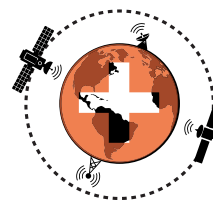
Via Satellite

FIRST RESPONDER'S GUIDE TO SATELLITE COMMUNICATIONS

► **Interoperability:** This is where advanced satellite-based wireless backbones and their network services excel. Disparate radio, data and video systems can cross-band and join any network together to achieve collaborative functionality and information sharing on any operation. As an example, a mobile responder can be on-scene operating on a hybrid LTE/mobile satellite network, sending situational video and essential data to a higher command at a fixed or field location. It does not matter which satellite or terrestrial network is being used, as-long-as you have worked with your carrier to set up an interoperable path to join the elements together. Some of this can be done on the fly in the field, but preparation and advance set-up can save valuable time in response situations. Interoperable functionality can be achieved without having to own or maintain expensive crossbanding equipment.



- **Broadband Mobile Data:** Private network data or internet access is provided for multiple users on both MSS and FSS network backbones. This is done at broadband speeds on all FSS and the majority of MSS networks. MSS continues to break the lower speed barriers with new constellations of LEO and MEO satellites. This continues the convergence of MSS and FSS network functionality.
- **Satellite Wi-Fi:** Satellite-wireless hotspot capabilities exist in nearly every MSS and FSS terminal, enabling multiple users to use the broadband data and collaborate remotely, as if they were together at home in their office. In this scenario, there need not be people physically tethered to the network. Responders can send email and text messages, interact with social media, and transmit pictures and video from the field using their own devices. They can also make and receive phone calls and operate two-way radios completely independent of terrestrial networks.
- **Response Asset Tracking and Management:** GPS-driven satellite-based asset tags are a new essential element for response and recovery operations. What could be described as mobile IOT is the capability these small size inexpensive tags bring to the response. With thousands of items to keep track of, from mobile equipment like gensets and tractors to pallets of response goods (food, water, shelters), asset tags bring order to logistics staging and mission deployment. They speed time to delivery and maintain operational control in otherwise chaotic situations.
- **Situational Video:** A picture is worth a thousand words certainly applies in pretty much every response situation. First responders initially arriving on-scene can relay video via satellite (typically MSS) showing the state of events. These actions assist incident commanders in sending the proper resources to save life and property, something critically essential in the early hours of any response.



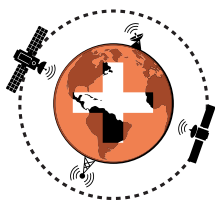
► **Earth Observation Sciences:** Earth observation technologies play a critical role in supporting first responders through the assessment and monitoring of natural hazards. In the wake of disasters, Earth observation capabilities, derived from space and surface networks, have provided effective tools to map damages and proven essential in directing first responder resources and their ongoing activities.

At the heart of Earth observation is fleets of sophisticated GEO satellites operated by agencies such as NOAA and DOD, as well as private players, that capture vivid, granular images of hurricanes, cyclones and other rogue weather patterns, and send the information to terrestrial technology systems that can provide much-needed analytics for first responders.



- a. **Pre-Response:** Having access to visuals and information about the movement and severity of hurricanes, storms and other natural disasters allows first responders to take actions when time is of the essence — such as declaring a state of emergency. The sooner first responders have information about an impending disaster, the more quickly they can act on it — planning life-savings evacuations and redirecting resources as needed.
 - b. **During and After Response Commences:** Earth observation technologies speed up the pace of coordinating post-disaster relief. Specifically, “before” and “after” imaging from satellite companies can aid first responders in quickly locating the areas most affected by disaster, such as areas of flooding or structures that have suffered critical infrastructure damage. Such imaging can also be leveraged to search for navigable roads or prioritizing response and recovery.
- **UAV Beyond Line of Sight (BLOS) Operations:** Closer to earth observation and communications restoral capability now exists via satellite in BLOS operations for UAVs. Whether monitoring gases and lava from a volcano, or looking for lost hikers in the wilderness, UAVs take response to an entirely new level. Once out of sight they need to be positively controlled. Satellite-based wireless does the job here, relaying visual and sensor data back to responders on the ground, providing a tactical level of Earth observation that directly assists their operations. The next generation of UAV payloads will include LTE and two-way radio repeater nodes, with mission ability to maintain constant air cover over any affected area.
- **Service Restoration:** VSAT networks provide day-to-day routine carriage of telecommunications, financial, energy distribution and television programming for government, enterprise and consumers across North America. These same systems are called into play during disasters and extraordinary planned events, to supplement and restore the Public Switched Telephone Network (PSTN), two-way radio networks and provide internet and video services.

Satellite-based wireless services provide high-speed broadband connectivity that is totally independent of terrestrial-based networks in any affected area. They can be the primary fail-over and restoration element for agencies whose communications have become impaired when disaster strikes and places them at ground zero. Put into place in advance, they also create an element of resiliency that can eliminate the service restoration aspect in the first place.



Via Satellite

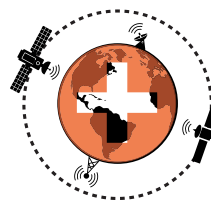
FIRST RESPONDER'S GUIDE TO SATELLITE COMMUNICATIONS

IV. CONCLUSION

You might be closer to using today's satellite-based wireless communications than you realize. Perhaps your agency already has some satellite equipment on command vehicles, sitting in a closet, or installed in your operations centers. These might be able to be upgraded to function with advanced services beyond simple internet access at very little, if any cost. New satellite systems you might acquire for EOCs, command vehicles and remote field locations have the capability to handle the majority of advanced functions described in this handbook right out of the box.

As illustrated in this first responder's handbook, satellite-based wireless communications are more than just an option in response and recovery planning. Collectively the equipment and services form a group of essential elements worthy of consideration by each and every first responder organization. Please take the time to reach out to the carriers listed in this guide. They stand ready to assist in planning, then partnering with you in the implementation process when the time to respond arrives.





V. SATELLITE SOLUTIONS PROVIDERS

Cinetcomm

- ▶ 702-342-5590 - 24x7
- ▶ <https://cinetcomm.com>

Solutions: Defi – All Hazards/ Hurricane-Proof Instructure, TotalConnex Network Solution for responders, MSS & VSAT Network Services for responders, and disaster management teleport and co-location services.

Eutelsat

- ▶ sales@eutelsatamerica.com
- ▶ <https://www.eutelsat.com>

Solutions: Satellite operator for broadcast, broadband, and data services.

Globalstar

- ▶ 877-452-5782
- ▶ <https://www.globalstar.com/corporate/home>

Solutions: High-quality, cost-effective satellite voice and data communications.

Hughes

- ▶ 301-428-5500
- ▶ www.Hughes.com

Solutions: Broadband satellite networks, backup services and other managed network services.

iDirect

- ▶ 703-648-8000
- ▶ www.idirect.net

Solutions: IP-based satellite communications; high-throughput satellites and other services.

Inmarsat

- ▶ GlobalCustomerSupport@inmarsat.com
- ▶ www.inmarsat.com

Solutions: Mobile Satellite Services (MSS); Broadband Global Area Network (BGAN).

Intelsat

- ▶ 703-270-4200
- ▶ www.intelsatgeneral.com

Solutions: Ground infrastructure, mobile and fixed satellite systems, technical expertise and secure communications network solutions.

Iridium

- ▶ 480-752-5155
- ▶ www.Iridium.com

Solutions: Satellite phones, MSS solutions and other satellite communications technologies.

Kymeta Corporation

- ▶ 425-896-3700
- ▶ <http://kymetacorp.com>

Solutions: Flat-paneled, electronically steered antennas and other solutions.

LeoSat Enterprises

- ▶ info@leosat.com
- ▶ <http://leosat.com>

Solutions: Low-Earth Orbit (LEO) communications satellites.

Marshall Communications

- ▶ 571-223-2010
- ▶ www.marshallcomm.com

Solutions: Secure content delivery, mobile VSAT, and custom turnkey communications solutions.

On Call Communications

- ▶ sales@occsat.com
- ▶ <http://www.occsat.com>

Solutions: Satellite communications systems that enable voice, data and video services for first responders and disaster management.

OneWeb

- ▶ contact@oneweb.net
- ▶ <http://www.oneweb.world>

Solutions: High-performance satellites that enable instantly deployable connectivity or long-term broadband access solutions.

SES

- ▶ +352 710 725 1 (Luxembourg)
- ▶ www.ses.com

Solutions: High-definition video conferencing, streaming, GSM backhaul, cloud-based services and high-speed broadband.

Spire

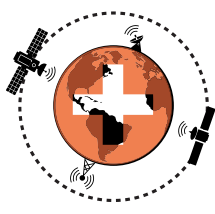
- ▶ <https://spire.com/contact/customer-portal/>
- ▶ <https://spire.com>

Solutions: Critical weather data and forecasting technology.

Xtar

- ▶ info@xtar.com
- ▶ www.xtar.com

Solutions: Fixed and COTM X-band communications services.



Via Satellite

FIRST RESPONDER'S GUIDE TO SATELLITE COMMUNICATIONS

VI. FREQUENTLY ASKED QUESTIONS:

Q: What is a communications satellite?

A: A communications satellite is a device used to receive and transmit radio signals space. The satellite has communications equipment including receive and transmit antennas, power, and electronic components which enable it to receive a signal from a satellite terminal/user and then transmit that same signal to another satellite terminal/user.

Q: What can I use satellite-based wireless services for?

A: Anything that uses an IP-centric or serial connection to operate equipment, provide video, voice, broadband data and global location services.

Q: What is a satellite terminal?

A: A satellite terminal is anything you use to receive or transmit a signal via a satellite, such as a satellite phone, satellite radio, satellite dish/antenna, or VSAT.

Q: What is a satellite gateway?

A: A satellite gateway (also referred to as a teleport or hub) is the ground station that houses the network equipment connecting remote field terminals back to agency networks, the internet, telephone and video networks.

Q: Do satellite phones work just like cell/wireless phones?

A: Satellite phones offer many of the same characteristics as cellular phones including a similar user interface and design. Satellite phones are slightly larger in size than cellular phones because the antenna required to communicate on the satellite frequencies must be larger than a cellular phone antenna. Another fundamental difference between traditional wireless phones and satellite phones is that when the phone is in satellite mode, it must be within line-of-sight of the satellite in order to complete calls (i.e. you need to have a clear view of the sky). Therefore, a traditional satellite phone cannot be used indoors, unless equipped with an external antenna on the building. Some dual-mode satellite phones will work indoors in cellular mode when the user is within a cellular-serviced area.

Q: How secure is satellite?

A: Satellite is secure as any IP connection. In circumstances where high security is required, commercial off-the-shelf security hardware and encryption applications can be applied to secure the network. Security protocols operating on an agency's network today can also be used in the satellite-based wireless environment.

Q: Are satellite services and equipment reliable?

A: Yes. Satellite-based wireless services and terminal equipment are reliable. Reliability is a critical factor to consider when using satellite for response recovery operations because it is often the only wireless network with coverage in affected areas.

Q: Aren't satellite communications cost-prohibitive for anyone except DoD?

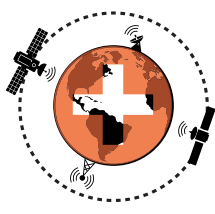
A: Satellite-based wireless communications is a sound economical option for any federal, state, or local first responder. Whether VSAT or MSS, various types of equipment and service plans can be tailored from occasional to full-time use at competitive rates.

Q: Why are satellites an essential component in all critical telecom network planning?

A: Satellite-based wireless systems enable rapid deployment and/or restoration and truly mobile communications. First responders should incorporate satellite services and networks as a redundancy requirement in their own agency communications network or architecture. Satellite systems should be emphasized and included in the early planning of these initiatives to ensure there is a back-up communications solution when the terrestrial network is damaged or destroyed. Without a satellite component to any future emergency response communications network, the emergency communications network will be rendered useless for first responders when the terrestrial network next sustains damage or becomes overloaded.

Q: How do Earth observation technologies impact the decision-making process?

A: Earth observation technologies support first responders by providing real-time data insights into the development and activities of natural hazards. This information helps first responders plan evacuations and other activities to dispatch resources, save lives, and improve recovery efforts.



VII. GLOSSARY

- ▶ **Antenna:** A device for transmitting and receiving signals. An antenna is part of satellite terminal, either attached or remote from the equipment Earth Station.
 - ▶ **Parabolic Antenna:** The most frequently found satellite antenna dish. It takes its name from the shape of the dish described mathematically as a parabola. The function of the parabolic shape is to focus the satellite signal hitting the surface of the dish into a single focal point to “feed” the satellite equipment
 - ▶ **Flat-Panel Antenna:** Antennas that are flat and spread out, as opposed to their parabolic dish counterparts. They include phased-array antennas and electronically steered antennas used by the military and commercial satellite providers to transmit and receive communications signals.
- ▶ **Backhaul:** A terrestrial communications channel linking an earth station antenna to a local switching network, agency location or population center.
- ▶ **Bandwidth:** A measure of spectrum (frequency) use or capacity. For instance, a voice transmission by telephone requires a bandwidth of about 3,000 cycles per second (3KHz).
- ▶ **Channel:** A frequency band in which a specific broadcast signal is transmitted. Channel frequencies are specified in the United States by the Federal Communications Commission (FCC).
- ▶ **Downlink:** The link from the satellite down to the Earth Station.
- ▶ **Earth Observation:** The process of gathering information about planet Earth, including weather and environmental conditions, for planning, rescue and recovery purposes.
- ▶ **Earth Station:** The buildings, hardware, software and antennas used to communicate with a satellite.
- ▶ **Footprint:** The area of the Earth’s surface from which an Earth station can transmit to or receive from a particular satellite.
- ▶ **Frequency bands:** Internationally, frequencies are divided into well-defined bands. For satellites, the relevant bands are:
 - ▶ **C-Band:** Transmissions are less affected by atmospheric conditions such as snow and rain. However, C-band transmissions have low power, so Earth Stations must be rather large to compensate dish size. Applications include public switched networks and internet trunking.
 - ▶ **Ka-Band:** Has a higher power than Ku-band allowing for smaller dishes to be used and therefore, used for high-bandwidth interactive services such as high-speed internet, videoconferencing and multimedia applications. Ka-band transmissions are more sensitive to poor weather conditions than Ku-band.
 - ▶ **Ku-Band:** Has higher power than C-band allowing for smaller dishes to be used. However, the higher frequency of Ku-band makes it more susceptible to adverse weather conditions than C-band. Applications include Very Small Aperture Terminals (VSAT), rural telephony, satellite news gathering, videoconferencing and multimedia.
 - ▶ **L-Band:** Used for Mobile Satellite Services (MSS) and offers good penetration through adverse weather conditions and foliage.
 - ▶ **X-Band:** The X-band frequency enables high power operations with very small terminals. Applications include Communications on the Move (COTM), manpacks, emergency communications and airborne and shipboard platforms. X-band is also less vulnerable to rain fade and adjacent satellite side lobe interference than other frequencies.

- ▶ **GHz:** Gigahertz. One Gigahertz is equivalent of 1 billion Hertz, or 1 billion cycles per second. Used to measure frequency and bandwidth.
- ▶ **High Throughput Satellite:** an advanced FSS satellite that has many times the throughput of earlier generation orbital wireless platforms.
- ▶ **Hub:** The master station at either a teleport or client location through which all transmissions, to, from and between terminals flow.
- ▶ **Kbps:** Kilobits per second. Refers to transmission speed of 1,000 bits per second.
- ▶ **kHz:** KiloHertz. One KiloHertz is the equivalent of 1,000 Hertz, or 1,000 cycles per second. Used to measure frequency and bandwidth.
- ▶ **LAN:** Local Area Network. A geographically localized network.
- ▶ **MHz:** MegaHertz. One MegaHertz is equivalent of 1 million Hertz, or 1 million cycles per second. Used to measure frequency and bandwidth.
- ▶ **Orbit:** A regular, repeating path that one satellite in space takes around another one. All orbits are elliptical, which means they are an ellipse, similar to an oval.
 - ▶ **GEO:** an orbit located 35,786 kilometers (22,236 miles) above the Earth's equator, which follows the direction of the Earth's rotation. Weather satellites are often placed in GEO.
 - ▶ **Low Earth Orbit (LEO):** an orbit with an altitude of 2,000 km (1,200 mi) or less — the first 100 to 200 miles (161 to 322 km). The International Space Station is in LEO, as it is easiest orbit to get to and stay in. While there is potentially more crowding of satellites in this orbit, latency is less of a concern than higher-altitude orbits.
 - ▶ **Middle Earth Orbit (MEO):** an orbit within the range of a few hundred miles to a few thousand miles above the Earth's surface.
- ▶ **Spot beam:** A satellite beam with concentrated geographic coverage.
- ▶ **Terminal:** One of the communications stations that receives, processes, and transmits signals between itself and a satellite.
- ▶ **Transponder:** A device located on board the satellite which receives signals uplinked from an earth station and transmits them back to Earth on a different frequency.
- ▶ **Uplink:** The link from the Earth station up to the satellite.
- ▶ **VSAT:** Very small aperture terminal. Refers to small Earth stations, with antennas usually in the 1.2 to 2.4 meter range. Small aperture terminals under 0.5 meter are sometimes referred to Ultra Small Aperture Terminals (USAT's)
- ▶ **WiMAX:** a wireless communications technology that provides high-throughput broadband connections for considerably longer distances than that offered via Wi-Fi (Wireless Fidelity) or LAN (Local Area Network).

Via Satellite



Your Communication Challenges Haven't Changed....

....But Your Solution Has!

Cinetcomm **TotalConnex™** is a field-proven hybrid communications solution for first responder agencies, blending Land Mobile Radio (LMR), FirstNet (Built with AT&T), terrestrial LTE and satellite wireless networks together to provide complete coverage everywhere you need to operate!

Land Mobile Radio network coverage, broadband mobile data, vehicle mapping and status, plus dial-up telephone is a reality across 100% of North America. This is a fully managed network service. FirstNet, 3G/4G/LTE and Satellite networks work in concert with **TotalConnex** routers, automatically selecting the least-cost, best quality transmission path based on carrier availabilities, **with zero user intervention**.

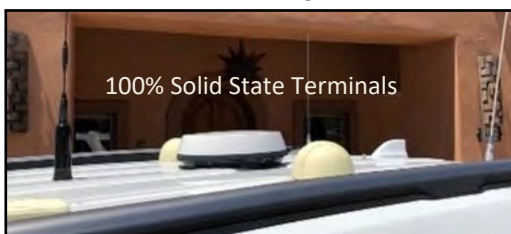
TotalConnex will scale to meet any agency mission

Cinetcomm's *TotalConnex™* Hybrid Network Solution is:

- Total Access as a Service - Fully managed solution for LMR, broadband mobile data and fleet operations
- 100% network coverage across North America - Goes wherever you respond
- Operates automatically on up to five network backbones including FirstNet, LTE and Satellite
- FirstNet Certified vehicle equipment built into a small form factor (12.5" x 12.5" plate)
- No expensive system infrastructure or towers required
- Low monthly unit operating costs
- Customer Network Management and Fleet Mapping Portal included
- Merges different radio systems together for mutual aid operations
- Cost effectively supplements and extends the reach of existing Land Mobile Radio systems
- 24x7 Customer Care and Support



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requirement, from deploying a couple of mobile units to hundreds.

With **TotalConnex** there is no capital investment in towers, back office hardware and IT infrastructure to have a full-featured operational network.

Your existing land mobile radios can operate on the **TotalConnex** Network through hardware interfaces, both analog and digital. An encrypted multi-user Wi-Fi hub and wired ethernet connects all in-vehicle equipment and wireless accessories.

Reach out today for more information. **TotalConnex** is **the** Public Safety Grade communications solution that works in **any** operational situation or location!