

SYSTEM SALES AGREEMENT

BETWEEN

TOWN OF WINDHAM, MAINE

AND

RADIO COMMUNICATIONS MANAGEMENT, INC.

THIS AGREEMENT is entered into this 13th day of March 2026 by and between Town of Windham, a municipality of the State of Maine, whose business address is 8 School Rd, Windham, ME 04062 (“Town”) and Radio Communications Management, Inc, a Maine corporation, located at 158 Rand Road, Portland, ME (“RCM”) enter into this System Sales Agreement (“Agreement”), pursuant to which the Town will purchase, and RCM will sell the Communications System, as described below. RCM and the Town may be referred to collectively as “Parties.”

For good and valuable consideration, the Parties agree as follows:

The Town hereby engages RCM, a wireless communications firm, to implement the proposed Town of Windham Communications System, including equipment and installation services, progress reports and meetings, project schedule, testing, acceptance, documentation, and warranties; RCM hereby accepts such work, subject to the terms and provisions of this Agreement.

RCM may proceed with the project based on the below terms:

Section-1 Contract Documents

The Exhibits listed below are incorporated into and made a part of this Agreement. In interpreting this Agreement and resolving any ambiguities, the main body of this Agreement will take precedence over the Exhibits and any inconsistency between Exhibits A through B will be resolved in the order in which they are listed below.

Town of Windham, Maine Request for Proposal Dated 12/16/2024

Public Safety Communications System Proposal Submitted 03/16/2026

Exhibit-A RCM Revised Proposal and Pricing 03/16/2026

Exhibit-B Final System Acceptance Certificate.

Section-2 SCOPE OF AGREEMENT AND TERM

2.1. SCOPE OF WORK. RCM will provide, ship, optimize and test the Communications System, perform its Work, and may sub-contract performance of any portion of the Work all in accordance with this Agreement.

2.2 TERM. Unless otherwise terminated in accordance with the provisions of this Agreement or extended by mutual agreement of the Parties, the term of this Agreement shall begin on the Effective Date and shall continue until the latter of the date of Final System Acceptance or expiration of the warranty period.

2.3 ADDITIONAL WORK. The Town may desire to have RCM perform work or render services in connection with the Agreement in addition to or other than work provided for by the expressed intent of the Scope of Work. Such work will be considered as Additional Work and will be specified in a written supplement that will set forth the nature and scope thereof. Work under a supplement shall not proceed until authorized in writing by the Town. Any dispute as to whether work is Additional Work or work already covered under this Agreement shall be resolved before the work is undertaken. Performance of the work by RCM prior to resolution of any such dispute shall waive any claim by RCM for compensation as Additional Work.

2.4 SOFTWARE. Any Software furnished by RCM will be subject to the terms and restrictions of its copyright owner unless such copyright owner has granted to RCM the right to sublicense such Software, in which case the Software Sublicense Agreement (including any addendum to satisfy such copyright owner's requirements) shall apply.

2.5 SUBSTITUTIONS. At no additional cost to the Town, RCM reserves the right to substitute any Equipment, Software, or Services to be provided by RCM, but only if the substitute meets the specifications and is of equivalent or better quality and value than the original Equipment. Any such substitution may be reflected in a Change Order with prior written approval of the Town.

Section-3 PAYMENT OF AGREEMENT PRICE

3.1. AGREEMENT PRICE. The aggregate purchase price to be paid by the Town to RCM for the Communications System is **\$798,889.26** in accordance with Exhibit-A.

3.2 PAYMENT SCHEDULE FOR SYSTEM. The Agreement Price for the System Infrastructure shall be earned and invoiced in the following installments:

| | |
|--|---------------------|
| Project Total | \$798,889.26 |
| 10% - Upon completion of Contract Signing | \$79,888.93 |
| 30% - Upon delivery of equipment to subcontractor staging location | \$239,666.78 |
| 20% - Upon completion of System Staging and Acceptance | \$159,777.85 |
| 30% - Upon completion of Installation | \$239,666.78 |
| 10% - Upon Final System Acceptance | \$79,888.92 |

3.3 PAYMENT TERMS. RCM shall issue the Town invoices in connection with each of the foregoing installments, and the Town shall pay such invoices in full, without set-off, holdback, deduction or delay, within thirty (30) days of the date of each such invoice.

Section-4 PROJECT IMPLEMENTATION

4.1 PROJECT MANAGERS. RCM shall appoint a Project Manager (“RCM Project Manager”) who will work directly with the Town Project Manager and be the principal point of contact. RCM shall notify the Town’s Project Manager in writing, when there is a new RCM Project Manager assigned to the Work. The RCM Project Manager’s information is:

Mac D. McKnight
Phone: 207-797-7503
Email: mmcknight@rcm2way.com

The Town shall appoint a Project Manager (“Town Project Manager”) who will work directly with the RCM Project Manager and be the principal point of contact for the Work. The Town shall notify RCM’s Project Manager in writing when there is a new Town Project Manager assigned to the Work. The Town Project Manager’s information is:

Town Project Manager: Brent J. Libby
Phone: 207-892-1911 x2
Email: bjlibby@windhammaine.us

4.2 IMPLEMENTATION SCHEDULE. The Town and RCM agree to perform their respective responsibilities in accordance with the schedule for the Work (“Implementation Schedule”) to be preliminarily provided by the RCM Project Manager and finalized at Detailed Design Review, subject to any agreed-upon Change Order. The Implementation Schedule shall set forth milestones beginning from the Effective Date. By executing this Agreement, the Town authorizes RCM to proceed with the performance of the Work. The Town will generate a purchase order upon the Effective Date, and such purchase order number must appear on all itemized invoices and packing slips.

Section-5 PROJECT MILESTONES

5.1 Milestones to fall in alignment with proposed payment schedule outlined in **Section- 3** of this document.

Section-6 SYSTEM ACCEPTANCE

6.1 ACCEPTANCE PLAN. RCM will test the Communication System in accordance with the Acceptance Test Plan. System acceptance will occur upon the successful completion of such testing ("System Acceptance") at which time both Parties shall promptly execute a certificate of system acceptance. If the Acceptance Test Plan includes separate tests for individual subsystems, both Parties shall promptly execute certificates of subsystem acceptance upon the successful completion of testing of such subsystems. Final payment is defined in the payment schedule found in Section-4.2. Minor omissions or variances as reasonably determined by the Town in performance which do not materially affect the operation of the Communications System as a whole will not postpone System Acceptance. The Town and RCM will jointly prepare a list of such omissions and variances which RCM will correct according to an agreed upon schedule.

6.2 ACCEPTANCE TESTING. RCM agrees to notify the Town when the Communication System is ready for acceptance testing. RCM and the Town agree to commence acceptance testing as determined in accordance with timelines set forth in the Project Schedule.

6.3 FIELD TESTING. RCM will issue written authorization for the Town's use of the Communication System for limited testing or training purposes, prior to the completion of testing by RCM. RCM will issue this signed document giving the Town permission for initial Field Testing. The Parties may jointly extend this period if necessary.

6.4 SYSTEM USE AUTHORIZATION. When System Testing is completed by RCM, written authorization will be issued indicating the Town can begin full utilization of the system. Any substantial use of the Communication System without prior written authorization by RCM shall constitute System Acceptance.

6.5 FINAL SYSTEM ACCEPTANCE. Final System Acceptance occurs after Staging Acceptance and Field Acceptance and receipt and installation of the Equipment and Software by the Town. RCM will work with the Town to develop a Final System Acceptance plan including coverage testing for acceptance of the Communication System. Upon acceptance by the Town of the Communication System, the Town shall have Beneficial Use, which then commences the Town's responsibility for the use and operation of the System. The Town agrees and acknowledges that testing procedures may be impeded if the Town begins using the System before Final System Acceptance; therefore, the Town should not commence Beneficial Use before Final System Acceptance. When Final System Acceptance occurs, the Parties will memorialize this event by promptly executing the Final System Acceptance Certificate attached hereto as Exhibit-B. After completion of the Final System Acceptance tests, if the Town believes that the System fails the acceptance tests, the Town will provide to RCM within thirty (30) days after completion of the tests a written notice that includes the specific details of such failure. If no notice is provided by the Town within thirty (30) days, or if the Town makes Beneficial Use of the System at any time, Final System Acceptance will be deemed to have occurred.

Section-7 SITES AND SITE CONDITIONS

7.1. ACCESS TO SITES. In addition to its responsibilities described elsewhere in this Agreement, the Town will provide (i) a designated Project Manager; (ii) all necessary construction and building permits, zoning variances, licenses, and the like; and (iii) access to the work sites as reasonably requested by RCM so that it may perform its duties in accordance with the Statement of Work.

7.2. SITE CONDITIONS. The Town will ensure that all work sites it provides will be safe, secure, and in compliance with all applicable industry and OSHA standards. To the extent applicable and unless the Statement of Work specifically states to the contrary, the Town will ensure that these work sites will have (i) adequate physical space for the installation, use and maintenance of the System; (ii) adequate air conditioning and other environmental conditions; (iii) adequate electrical power outlets, distribution and equipment for the installation, use and maintenance of the System; and (iv) adequate telephone or other communication lines for the installation, use and maintenance of the System, and adequate interfacing networking capabilities. Before installing the Equipment at a work site, RCM will inspect the work site and advise the Town of any apparent deficiency or non-conformity with the requirements of this Section.

7.3 SITE ISSUES. If RCM or the Town determines during the course of performance of this Agreement that the site identified in the exhibits is no longer available or desired, or if subsurface, structural, adverse environmental or latent conditions at any site differ from those indicated on the specifications as necessary, RCM and the Town will promptly investigate the conditions and will select a replacement site or adjust the installation plans and specifications as necessary. If such change in sites or adjustment to the installation plans and specifications causes a change in the cost or time to perform, the Parties will equitably amend the Agreement Price, by a written Change Order.

7.4 INTERFERENCE. RCM shall design the Communication System to provide adequate interference protection to prevent disruptive interference caused to other radio system; however, it is recognized that RCM may not have control over the generation of interference by other systems. If an external source(s) of interference exists, RCM shall, to the extent technically possible, assist the Town with identification of the condition, component or equipment generating interference at an additional expense to the Town not exceeding then current industry standard fees and out-of-pocket expenses. Interference is defined herein to mean a situation that results, on a demonstrable basis, in material performance degradation to the System.

Section-8 TRAINING

If training is provided as part of the Work, RCM shall provide a written training plan to the Town. The RCM Project Manager, or their designee, shall serve as the point of contact for the coordination of such training. The Town shall notify RCM immediately if a date change for a scheduled training program is required. If RCM incurs additional costs because the Town reschedules a training program less than thirty (30) days before its scheduled start date, RCM is entitled to recover these additional costs.

Section-9 REPRESENTATIONS AND WARRANTIES

9.1. **SYSTEM FUNCTIONALITY.** RCM represents that the Communication System will perform consistently with the System design and functionality specifications contained in the Statement of Work in all material respects. Upon System Acceptance or Beneficial Use, whichever occurs first, this System functionality representation is fulfilled. RCM is not responsible for Communication System performance deficiencies that are caused by ancillary equipment not furnished by RCM which is attached to or used in connection with the Communication System or for reasons beyond RCM's control, such as (i) an earthquake, adverse atmospheric conditions, or other natural causes; (ii) the construction of a building that adversely affects the microwave path reliability or radio frequency (RF) coverage; (iii) the addition of frequencies at System sites that cause RF interference or intermodulation; (iv) the Town changes to load usage or configuration outside the specifications; or (v) any acts of Parties who are beyond RCM's control.

9.2 **WARRANTY AND MAINTENANCE SERVICE PERIOD.** Subject to the terms herein, the Communication System Warranty Services and Support shall be covered for (5) five years to commence upon Final System Acceptance.

9.3 **EQUIPMENT WARRANTY AND MAINTENANCE.** Subject to the terms herein, the System Infrastructure Equipment shall be covered by the warranty statements set forth in Proposal Response of this Agreement attached hereto.

9.4 **SOFTWARE WARRANTY AND MAINTENANCE.** Subject to the terms herein, Software shall be licensed in accordance with the Software License Agreement set forth in the RFP Response of this Agreement attached hereto.

9.5 **WARRANTY CLAIMS.** Before the expiration of the warranty period, the Town must notify RCM in writing if Equipment or Software does not conform to these warranties. Upon receipt of such notice, RCM will investigate the warranty claim. If this investigation confirms a valid warranty claim, RCM will, at its option and at no additional charge to the Town, repair the defective Equipment or Software, replace it with the same or equivalent product, or refund the price of the defective Equipment or Software.

9.6 **ORIGINAL END USER IS COVERED.** These express limited warranties are extended by RCM to the original user purchasing the Equipment for commercial, industrial, or governmental use only, and are not assignable or transferable.

Section-10 DELAYS

10.1. **EXCUSABLE DELAYS.** Neither party will be liable for its non-performance or delayed performance if caused by a "Force Majeure" which means an event, circumstance, or act of a third party that is beyond a party's reasonable control, such as an act of God, omissions of Federal, State, and local governmental authorities and regulatory agencies, an act of the public enemy, an act of a government entity, strikes or other labor disturbances, hurricanes, earthquakes, fires, floods, epidemics, embargoes, war, riots, supplier shortages or any other similar cause.

Each party will notify the other if it becomes aware of any Force Majeure that will significantly delay performance. The notifying party will give such notice promptly (but in no event later than fifteen days) after it discovers the Force Majeure. If a Force Majeure occurs, the Parties will execute a Change Order to extend the Performance Schedule for a time period that is reasonable under the circumstances.

10.2 PERFORMANCE SCHEDULE DELAYS. Successful performance of the Implementation Schedule will require cooperation between the Parties. Because it is impractical to provide for every contingency which may arise during the course of performance of this Agreement, the Parties agree to notify the other if they become aware that any condition will significantly delay performance. The Parties hereby agree to negotiate in good faith reasonable extensions of the Implementation Schedule caused by such contingencies.

Section-11 DISPUTES

11.1. SETTLEMENT PREFERRED. RCM and the Town will attempt to settle any claim or controversy arising from this Agreement (except for a claim relating to intellectual property) through consultation and negotiation in good faith and a spirit of mutual cooperation. The respective project managers will confer and attempt to settle a dispute. The dispute will be escalated to appropriate higher-level managers of the Parties, if necessary. If cooperative efforts fail, the dispute will be mediated by a mediator chosen jointly by RCM and the Town within thirty (30) days after notice by one of the Parties demanding non-binding mediation. RCM and the Town will not unreasonably withhold consent to the selection of a mediator, and they will share the cost of the mediation equally. The Parties may postpone mediation until they have completed some specified but limited discovery about the dispute. The Parties may also replace mediation with some other form of non-binding alternative dispute resolution, including arbitration in accordance with the then-most current rules of the American Arbitration Association, unless the Parties mutually agree otherwise; provided that no such arbitration shall be binding if it would compromise or impinge on any insurer's policy rights to defend or settle any covered claims or suits.

11.2. LITIGATION. Any claim relating to intellectual property and any dispute that cannot be resolved between the Parties through negotiation within two (2) months after the date of the initial demand as described above in Section 11.1. shall then be submitted by either party to a District Court or Superior Court located in Cumberland County, Maine, which both parties agree shall be considered to be the proper venue for such litigation. Unless otherwise provided in this Agreement, the Parties shall continue to perform according to the terms and conditions of the Agreement during the pendency of any litigation or other dispute resolution proceeding. In the event of litigation or arbitration between the Parties to this Agreement, the non-prevailing party shall reimburse all reasonable costs and attorney fees to enforce this Agreement incurred by the prevailing party.

Section-12 DEFAULT AND TERMINATION

12.1. DEFAULT. If a party fails to perform a material obligation under this Agreement, the other party may consider that party to be in default, unless such failure has been based on an Excusable Delay. The non-defaulting party shall give the defaulting party written notice of such default and specify in writing a reasonable amount of time that is in no event less than thirty (30) days during which the defaulting party has to cure such default or provide a cure plan prior to any penalties

assessed under this Agreement. The amount of time to cure specified shall take into consideration the gravity and nature of the default.

12.2. **FAILURE TO CURE.** If a defaulting party fails to cure the default as provided above in Section 12.1, unless otherwise agreed in writing, the non-defaulting party may terminate any unfulfilled portion of this Agreement. If the Town is the non-defaulting party, terminates this Agreement as permitted by this Section, and completes the Communication System through a third party, the Town may as its exclusive remedy recover from RCM reasonable costs incurred to complete the System to a capability not exceeding that specified in this Agreement. The Town agrees to use its best efforts to mitigate such costs and to provide RCM with detailed invoices substantiating the charges. If RCM is the non-defaulting party in case of termination in any event, the Town shall pay, at a minimum, the price of the Equipment, Software and services delivered to the Town, the price of Equipment and Software in RCM's premises designed for the Town and the price of any Equipment and Software on order with RCM's suppliers as of the date of termination within thirty (30) days from the effective date of such termination.

Section-13 INDEMNIFICATION

13.1. **GENERAL INDEMNITY BY RCM.** RCM hereby agrees to release, indemnify, defend and hold harmless the Town, its officials, officers, employees and agents from and against all judgments, damages, penalties, losses, costs, claims, expenses, suits, demands, debts, actions and/or causes of action of any type or nature whatsoever brought for or on account of persons or property, including actual and reasonable attorney's fees, which may be sustained or to which they may be exposed, directly or indirectly, by reason of personal injury, death, property damage, or other liability, alleged or proven, resulting from or arising out of the performance of the RCM, its officers, officials, employees, agents or assigns and not resulting from the fault, omission and/or negligence of the Town, its officers, officials, employees, agents or assigns.

13.2. **GENERAL INDEMNITY BY TOWN.** The Town hereby agrees to release, indemnify, defend and hold harmless RCM, its officials, officers, employees and agents from and against all judgments, damages, penalties, losses, costs, claims, expenses, suits, demands, debts, actions and/or causes of action of any type or nature whatsoever brought for or on account of persons or property, including actual and reasonable attorney's fees, which may be sustained or to which they may be exposed, directly or indirectly, by reason of personal injury, death, property damage, or other liability, alleged or proven, resulting from or arising out of the performance of the Town, its officers, officials, employees, agents or assigns and not resulting from the fault, omission and/or negligence of the RCM, its officers, officials, employees, agents or assigns. Under no circumstances shall the provision of indemnification by either party under this Agreement be construed to waive or otherwise limit any of the defenses, immunities, or limitations of liability available to the Client under the Maine Tort Claims Act, 14 M.R.S. § 8101, et seq., or other applicable law. The provisions of this Section shall survive the term of this Agreement indefinitely.

Section-14 FCC LICENSES AND AUTHORIZATIONS

RCM agrees to process applications and fees on behalf of the Town for all Federal Communications Commission ("FCC") licenses and authorizations required for installation and use of the Communications System prior to the scheduled installation of the Equipment. As part of the standard services that RCM will provide to the Town, RCM will take care of the preparation and

submittal of the initial FCC license modification application for the frequencies being used in this system. Although RCM will assist the Town in the preparation of its FCC license applications, neither RCM nor any of its employees is an agent or representative of the Town in FCC or other matters. As the applicant the Town is solely responsible for obtaining all FCC licenses and for complying with FCC rules.

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Section-15 GENERAL

15.1 **EQUIPMENT TITLE.** The Equipment shall be shipped FOB Windham, Maine, and all freight charges are included in the Agreement Price. Title to the Equipment will pass to the Town upon payment of the Equipment by RCM to the Town, except that title to Software will not pass to the Town at any time.

15.2 **RISK OF LOSS.** Risk of loss will pass to the Town upon installation of the Equipment at the Town's location. RCM will pack and ship all Equipment in accordance with good commercial practices.

15.3 **TAXES.** The Contract Price does not include any amount for federal, state, or local excise, sales, lease, service, rental, use, property, occupation, or other taxes, all of which (other than federal, state, and local taxes based on RCM's income or net worth) will be paid by the Town except as exempt by law. If RCM is required to pay or bear the burden of any such taxes, RCM will send an invoice to the Town and the Town will pay to RCM the amount of such taxes (including any interest and penalties) within thirty (30) business days after the date of the invoice. the Town will be solely responsible for reporting the Equipment for personal property tax purposes.

15.4 **CONFIDENTIAL INFORMATION.** the Town will not disclose any material or information identified as RCM proprietary and confidential to third Parties without RCM's prior written permission, unless RCM makes such material or information public, or disclosure is required by law. If the Town concludes that it is required by law to disclose such material or information, the Town will notify RCM prior to such disclosure and provide RCM with a reasonable opportunity to seek a court order limiting or prohibiting the disclosure of such documents. RCM further acknowledges that unless otherwise identified as proprietary or confidential on their face, all documents in the Town's possession related to this Agreement are considered to be "public records," subject to release under Maine's Freedom of Access Act, 1 M.R.S. § 401, et seq. Under no circumstances shall the Town's release of any such public records be considered to constitute a breach of this Agreement.

15.5 **DISCLAIMER OF LICENSE.** Nothing in this Agreement will be deemed to grant, either directly or by implication, estoppel, or otherwise, any license or right under any patents, patent applications, copyrights, trademarks, trade secrets or other intellectual property of RCM.

15.6 **ASSIGNABILITY.** No right or duty in whole or in part of either party may be assigned or delegated without the prior written consent of the other party, which consent shall not be unreasonably or untimely held. Notwithstanding anything herein to the contrary, either party may assign this Agreement, in whole or in part, without the other party's consent, to any affiliate or any purchaser of a substantial portion of that party's affiliate, business or facility(s) as to which the products or services provided to the Town shall relate.

15.7 **WAIVER.** Failure or delay by either party to exercise any right or power under this Agreement will not operate as a waiver of such right or power.

15.8 **SEVERABILITY.** If any portion of this Agreement is held to be invalid or unenforceable, that provision will be considered severable, and the remainder of this Agreement will remain in full force and effect as if the invalid provision were not part of this Agreement.

15.9 HEADINGS AND SECTION REFERENCES. The headings given to the sections of this Agreement are inserted only for convenience and are not to be construed as part of this Agreement or as a limitation of the scope of the particular section to which the heading refers.

15.10 GOVERNING LAW. This Agreement shall be construed and enforced in accordance with the laws of the State of Maine. Exclusive venue for any suit between the Parties arising out of this Agreement shall be the federal or state courts located in Cumberland County, Maine.

15.11 SUBCONTRACTING. RCM may subcontract any portion of the Work subject to the approval of the Town, but such subcontracting will not relieve RCM of its duties under this Agreement.

15.12 NOTICES. Notices required under this Agreement to be given by one party to the other must be in writing and either delivered in person or sent to the address shown below by certified mail, return receipt requested and postage prepaid (or by a recognized courier service with an asset tracking system, such as Federal Express, UPS, or DHL), or by facsimile with correct answerback received, and shall be effective upon receipt:

RCM

Attn: Mac D. McKnight
Address: 158 Rand Rd.,
Portland, ME 04102
Phone: 207-797-7503
Email: mmcknight@rcm2way.com

Town of Windham

Attn: Brent J. Libby
Address: 375 Gray Rd.,
Windham, ME 04062
Phone: (207) 892-1911 x2
Email: bjlibby@windhammaine.us

15.13 COMPLIANCE WITH APPLICABLE LAWS. Each party will comply with all applicable federal, state, and local laws, regulations and rules concerning the performance of this Agreement or use of the System.

15.14 ENTIRE AGREEMENT. This Agreement (including the Exhibits, Schedules and Attachments) constitutes the entire agreement of the Parties regarding the subject matter of this Agreement and supersedes all previous agreements and understandings, whether written or oral, relating to such subject matter. This Agreement may be altered, amended, or modified only by a written instrument signed by the duly authorized representatives of both Parties.

15.15 SIGNATURES. Unless otherwise specified below, the following signatories are the authorized representatives upon whose decisions and information each party may rely in performance of this Agreement. Any information of notices required or permitted hereunder shall be deemed to have been sufficiently given to either party if given to these signatories or to such Parties and/or addresses as they may subsequently designate.

The Parties hereby enter into this Agreement as of the Effective Date.

Town of Windham

RCM

By: _____

By: _____

Name: Robert Burns

Name: Mac D. McKnight

Title: Town Manager

Title: President

Date: _____

Date: _____

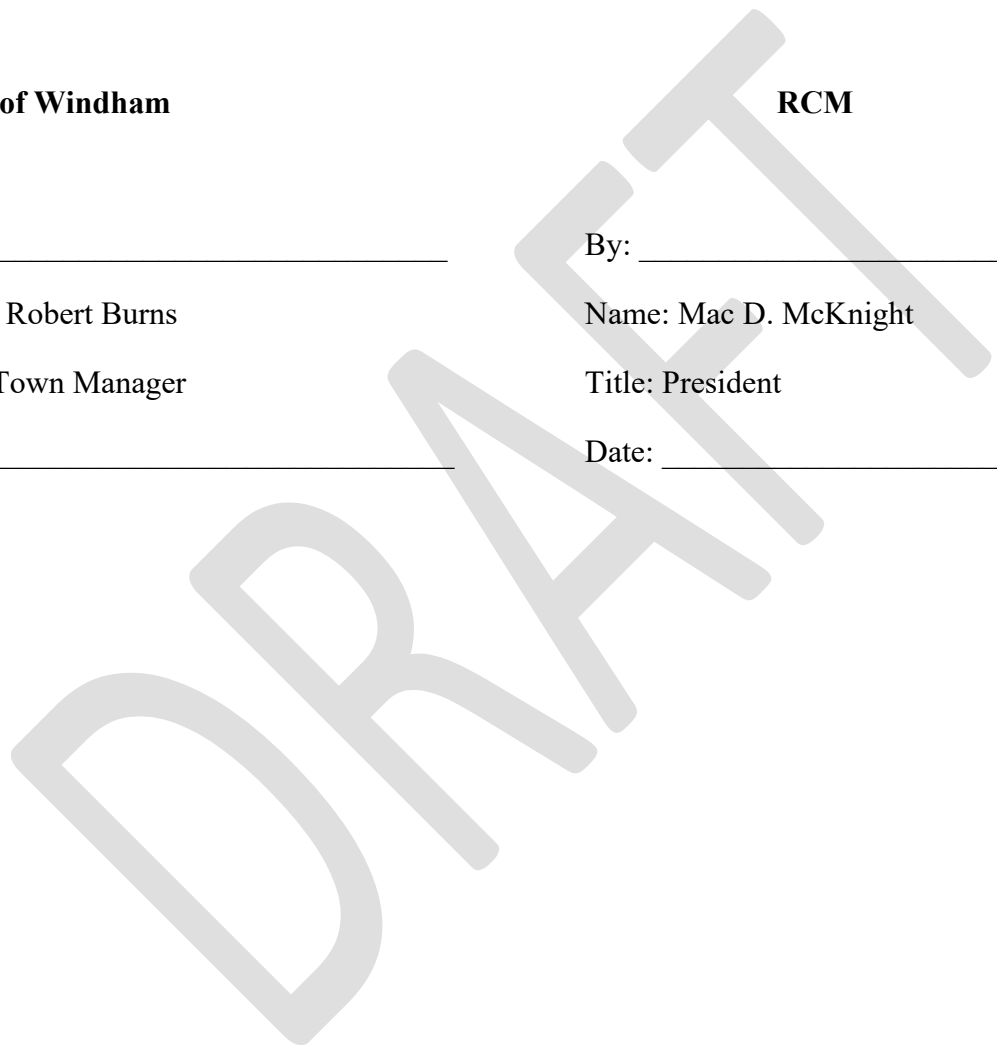


EXHIBIT-A
Exhibit-B

| Windham Radio System Upgrade (PD / FD / DPW) | | |
|---|---|---------------------|
| Public Safety Building (Satellite / DPW Site) | Hardware Refresh - Replace repeaters - New battery plant - Upgrade microwave - New Antenna System | \$146,752.56 |
| Jones Hill (Master Site) | Hardware Refresh - Replace repeaters - New battery plant - Upgrade microwave - New Antenna System | \$139,393.50 |
| Freeman Hill (BU Master Site) | Hardware Refresh - Replace repeaters - New battery plant - New Antenna System | \$126,078.49 |
| CCRCC (Satellite Site) | Upgrade from Receive only Simulcast Transmit and Receive - Replace repeaters - New battery plant - New antenna combiner system - New Antenna System | \$145,799.71 |
| Windham School (Manchester Elementary) (Satellite Site) | New Site - New repeaters - New battery plant - New microwave - New antenna combiner system - New VHF antenna system | \$145,256.99 |
| Console Interface | Interface to CCRCC Zetron Console System | \$22,192.85 |
| Mobile Radios | (x14) - Tait (Remote Mount Mobile Radios) (Note: Install labor, connectors, and antennas not included) | \$41,148.66 |
| Spares (Minimum Recommended) | Includes: - Repeater - Spectracom GPS Clock | \$32,266.51 |
| Extended Warranty | Years 2-5 (optional) | \$0.00 |
| | | \$798,889.26 |

Public Safety Building (Satellite / DPW Site)

| |
|---|
| Hardware Refresh - Replace repeaters - New battery plant - Upgrade microwave - New Antenna System |
|---|

| <u>QTY</u> | <u>Part Number</u> | <u>Description</u> | <u>Cost Each</u> | <u>Cost Ext</u> |
|------------|--------------------|---|------------------|-----------------|
| | | Tait & RF Antennas & cabling | | |
| 3 | TB9435S-100T | TB9400 Single 100Watts Chassis Assembly | \$1,272.38 | \$3,817.14 |
| 3 | T01-01103-BAAA | TB9400 Reciter 148-174MHz | \$2,568.31 | \$7,704.93 |

| | | | | |
|----------------------|--------------------|---|------------|------------|
| 3 | T01-01121-BBBA | TB94 Linear PA 148-174MHz 100Watts | \$2,028.75 | \$6,086.25 |
| 3 | T01-11140-BDAA | PMU DC48volts with Aux12volts | \$2,488.69 | \$7,466.07 |
| 1 | TBAS050 | P25 Common Air Interface (CAI) | \$5,429.19 | \$5,429.19 |
| 3 | TBAS073 | SFE Key - TaskBuilder | \$158.81 | \$476.43 |
| 2 | TBAS062 | Simulcast Enable | \$4,706.00 | \$9,412.00 |
| 2 | TBAS071 | Satellite | \$758.13 | \$1,516.26 |
| 2 | OA40-41-P | VHF 4-Bay Dipole | \$4,109.43 | \$8,218.86 |
| 2 | PSA3 | 3' Standoff | \$885.71 | \$1,771.42 |
| 2 | Puck | Tieback Puck | \$77.29 | \$154.58 |
| 2 | P2150 (Pipe) | 12' Pipe | \$284.29 | \$568.58 |
| 2 | SCP10W | Pipe to Pipe Clamp | \$127.86 | \$255.72 |
| 1 | Misc-item | 19" Open Rack | \$551.43 | \$551.43 |
| 1 | Misc-item | Miscellaneous Installation Materials (Cables, connectors, etc.) | \$1,071.43 | \$1,071.43 |
| 2 | L009 | SAR / SAS | \$470.00 | \$940.00 |
| 350 | LCF78-50JAA7 TX | 7/8" LCF | \$4.14 | \$1,449.00 |
| 4 | 43F-LCF78-C03 | 7/8" LCF 4.3-10 Female | \$70.26 | \$281.04 |
| 2 | VHF50B43-ME-PGR-BD | 4.3-10 Polyphaser (M/F) | \$271.41 | \$542.82 |
| 10 | SSH-78 | Snapins (7/8") | \$55.99 | \$559.90 |
| 2 | HOIST1-78C | Hoisting Grip (7/8") | \$47.26 | \$94.52 |
| 4 | SG78-06B2A | 7/8" Ground Kits | \$46.54 | \$186.16 |
| 75 | SCF12-50J | 1/2" Superflex | \$5.01 | \$375.75 |
| 2 | 12S-43M | 1/2" SCF Mini-Din Male | \$73.57 | \$147.14 |
| 8 | 12S-NM | 1/2" SCF N-Male | \$19.60 | \$156.80 |
| 75 | WS240 | LMR240 Cable | \$0.51 | \$38.25 |
| 3 | RFN-1007-2SX | LMR240 N-Male Connector | \$19.24 | \$57.72 |
| 2 | RFB-1707-D | LMR240 BNC Connector | \$5.06 | \$10.12 |
| 2 | 402/4.3M-4.3M/36 | RF Jumper | \$57.14 | \$114.28 |
| 4 | ZBNC021FBA (BNC T) | BNC "T" Adapters (10Mbps / 1PPS) | \$12.86 | \$51.44 |
| 2 | RIK19 | Isolation Plates | \$114.29 | \$228.58 |
| Spectracom | | | | |
| 1 | 2402-613 | SecureSync 2400 Time & Frequency synchronization system | \$7,126.00 | \$7,126.00 |
| 1 | 2400-HS-D2 | Hot Swappable 24/48 VDC Power Supply | \$1,246.00 | \$1,246.00 |
| 1 | 8230 | GPS/GNSS Outdoor Antenna | \$462.00 | \$462.00 |
| 1 | 8226 | GPS Surge protector | \$476.00 | \$476.00 |
| 1 | ANT-KT | Rugged Post Mount Kit | \$182.00 | \$182.00 |
| 4 | RFN-1006-3I | N (M) LMR400 | \$6.79 | \$27.16 |
| 80 | WS400 | LMR400 Cable | \$0.83 | \$66.40 |
| Battery Plant | | | | |
| 1 | C2RS-48 | Centurion Controller | \$3,666.44 | \$3,666.44 |
| 10 | Circuit Breakers | Breakers (6A-30A as Required) | \$38.57 | \$385.70 |
| 2 | RM2048HE | Rectifiers | \$2,674.29 | \$5,348.58 |
| 1 | C2BP | Blank Plate | \$42.86 | \$42.86 |
| 2 | Battery Wiring | Heavy Gauge w/ Lugs | \$428.57 | \$857.14 |
| 2 | DCDC-500-48-12 | 48-12 -DC-DC CONVERTER, 500W | \$342.86 | \$685.72 |
| 1 | RMI-800W-1U | Newmar 48 VDC to 120 VAC Inverter, 800w | \$830.57 | \$830.57 |
| 2 | 48V100A-LIPO4-3U | Newmar 100AH LiFePO4 Battery | \$3,137.14 | \$6,274.28 |
| Microwave | | | | |
| 1 | W41-18H1-DP2 | WTM 4100, 18GHz High | \$5,046.99 | \$5,046.99 |
| 1 | WZL-Base | WTM 4000 BASE LICENSE, INC CLI & GUI, IPv4 OR IPv6, VLA | \$119.10 | \$119.10 |
| 1 | WZL-Enterprise | WTM 4100 Enterprise Feature Set Enable including 4096 QAM, 1 G | \$1,078.10 | \$1,078.10 |
| 1 | WZF-40050 | WTM 4000 RADIO THROUGHPUT LICENSE 50 Mbps | \$74.66 | \$74.66 |
| 1 | WZF-AM2 | WTM 4000 ADAPTIVE MODULATION LICENSE UP TO 4096 Q | \$285.83 | \$285.83 |
| 1 | AND-VHLP2 | ANTENNA, 18 GHZ, 0.6M (2FT), VALULINE, HPLP (RECTANG | \$841.86 | \$841.86 |
| 1 | 045-310107-001 | POE INJECTOR, 112W 40 to 72VDC, POWER CORD NOT INCLU | \$493.24 | \$493.24 |

| | | | | |
|----|--------------------|---|-------------|-------------|
| 1 | LP-POE-ALPU-01 | SURGE ARRESTOR ETHERNET 100 MBPS POE-COMPATIBLE | \$333.66 | \$333.66 |
| 1 | Misc-item | 150' Rolls Ethernet Cable (Shielded) | \$535.71 | \$535.71 |
| 1 | Installation Parts | Misc. installation parts | \$164.29 | \$164.29 |
| 1 | Licensing | License mWave | \$1,500.00 | \$1,500.00 |
| | | Alarming | | |
| 1 | X-408 | Web-Enabled Digital Input Module | \$271.36 | \$271.36 |
| | | Labor & Shipping | | |
| 1 | Shipping | Freight Shipping | \$4,571.43 | \$4,571.43 |
| 1 | Subcontractor | Electrician | \$5,000.00 | \$5,000.00 |
| 1 | RCM | Tower Crew | \$10,714.29 | \$10,714.29 |
| 2 | RCM | Installation Crew- 2 Men | \$1,485.71 | \$2,971.42 |
| 1 | Licensing | License VHF / P25 | \$1,200.00 | \$1,200.00 |
| 1 | RCM | Project Management and Engineering | \$6,700.00 | \$6,700.00 |
| 1 | RCM | System Staging | \$5,520.00 | \$5,520.00 |
| 1 | RCM | Technician Labor- Installation | \$5,520.00 | \$5,520.00 |
| 28 | RCM | Technician Labor | \$228.57 | \$6,399.96 |

\$146,752.56

Jones Hill (Master Site)

| |
|----------------------|
| Hardware Refresh |
| - Replace repeaters |
| - New battery plant |
| - Upgrade microwave |
| - New Antenna System |

| QTY | Part Number | Description | Cost Each | Cost Ext |
|---|--------------------|---|------------|------------|
| Tait & RF Antennas & cabling | | | | |
| 2 | TB9435S-100T | TB9400 Single 100Watts Chassis Assembly | \$1,272.38 | \$2,544.76 |
| 2 | T01-01103-BAAA | TB9400 Reciter 148-174MHz | \$2,568.31 | \$5,136.62 |
| 2 | T01-01121-BBBA | TB94 Linear PA 148-174MHz 100Watts | \$2,028.75 | \$4,057.50 |
| 2 | T01-11140-BDAA | PMU DC48volts with Aux12volts | \$2,488.69 | \$4,977.38 |
| 1 | TBAS050 | P25 Common Air Interface (CAI) | \$5,429.19 | \$5,429.19 |
| 2 | TBAS073 | SFE Key - TaskBuilder | \$158.81 | \$317.62 |
| 2 | TBAS062 | Simulcast Enable | \$4,706.00 | \$9,412.00 |
| 2 | TBAS061 | Central Voter | \$4,801.88 | \$9,603.76 |
| 1 | OA40-41-P | VHF 4-Bay Dipole | \$4,109.43 | \$4,109.43 |
| 1 | PSA3 | 3' Standoff | \$885.71 | \$885.71 |
| 1 | Puck | Tieback Puck | \$77.29 | \$77.29 |
| 1 | P2150 (Pipe) | 12' Pipe | \$284.29 | \$284.29 |
| 1 | SCP10W | Pipe to Pipe Clamp | \$127.86 | \$127.86 |
| 75 | SCF12-50J | 1/2" Superflex Cable | \$3.03 | \$227.25 |
| 1 | 402/4.3M-4.3M/36 | RF Jumper | \$57.14 | \$57.14 |
| 1 | Misc-item | 19" Open Rack | \$551.43 | \$551.43 |
| 1 | Misc-item | Miscellaneous Installation Materials (Cables, connectors, etc.) | \$1,071.43 | \$1,071.43 |
| 2 | L009 | SAR / SAS | \$470.00 | \$940.00 |
| 200 | LCF78-50JAA7 TX | 7/8" LCF | \$4.14 | \$828.00 |
| 2 | 43F-LCF78-C03 | 7/8" LCF 4.3-10 Female | \$70.26 | \$140.52 |
| 1 | VHF50B43-ME-PGR-BD | 4.3-10 Polyphaser (M/F) | \$271.41 | \$271.41 |
| 6.667 | SSH-78 | Snapins (7/8") | \$55.99 | \$373.27 |
| 1 | HOIST1-78C | Hoisting Grip (7/8") | \$47.26 | \$47.26 |
| 2 | SG78-06B2A | 7/8" Ground Kits | \$46.54 | \$93.08 |
| 50 | SCF12-50J | 1/2" Superflex | \$5.01 | \$250.50 |
| 1 | 12S-43M | 1/2" SCF Mini-Din Male | \$73.57 | \$73.57 |
| 6 | 12S-NM | 1/2" SCF N-Male | \$19.60 | \$117.60 |

| | | | | |
|-----------------------------|--------------------|--|-------------|-------------|
| 50 | WS240 | LMR240 Cable | \$0.51 | \$25.50 |
| 2 | RFN-1007-2SX | LMR240 N-Male Connector | \$19.24 | \$38.48 |
| 10 | RFB-1707-D | LMR240 BNC Connector | \$5.06 | \$50.60 |
| 2 | ZBNC021FBA (BNC T) | BNC "T" Adapters (10Mbps / 1PPS) | \$12.86 | \$25.72 |
| 2 | RIK19 | Isolation Plates | \$114.29 | \$228.58 |
| Spectracom | | | | |
| 1 | 2402-613 | SecureSync 2400 Time & Frequency synchronization system | \$7,126.00 | \$7,126.00 |
| 1 | 2400-HS-D2 | Hot Swappable 24/48 VDC Power Supply | \$1,246.00 | \$1,246.00 |
| 1 | 8230 | GPS/GNSS Outdoor Antenna | \$462.00 | \$462.00 |
| 1 | 8226 | GPS Surge protector | \$476.00 | \$476.00 |
| 1 | ANT-KT | Rugged Post Mount Kit | \$182.00 | \$182.00 |
| 4 | RFN-1006-3I | N (M) LMR400 | \$6.79 | \$27.16 |
| 80 | WS400 | LMR400 Cable | \$0.83 | \$66.40 |
| Battery Plant | | | | |
| 1 | C2RS-48 | Centurion Controller | \$3,666.44 | \$3,666.44 |
| 10 | Circuit Breakers | Breakers (6A-30A as Required) | \$38.57 | \$385.70 |
| 2 | RM2048HE | Rectifiers | \$2,674.29 | \$5,348.58 |
| 1 | C2BP | Blank Plate | \$42.86 | \$42.86 |
| 2 | Battery Wiring | Heavy Gauge w/ Lugs | \$428.57 | \$857.14 |
| 2 | DCDC-500-48-12 | 48-12 -DC-DC CONVERTER, 500W | \$342.86 | \$685.72 |
| 1 | RMI-800W-1U | Newmar 48 VDC to 120 VAC Inverter, 800w | \$830.57 | \$830.57 |
| 2 | 48V100A-LIPO4-3U | Newmar 100AH LiFePO4 Battery | \$3,137.14 | \$6,274.28 |
| Microwave | | | | |
| 1 | W41-18H1-DP2 | WTM 4100, 18GHz High | \$5,046.99 | \$5,046.99 |
| 1 | WZL-Base | WTM 4000 BASE LICENSE, INC CLI & GUI, IPv4 OR IPv6, VLA | \$119.10 | \$119.10 |
| 1 | WZL-Enterprise | WTM 4100 Enterprise Feature Set Enable including 4096 QAM, 1 G | \$1,078.10 | \$1,078.10 |
| 1 | WZF-40050 | WTM 4000 RADIO THROUGHPUT LICENSE 50 Mbps | \$74.66 | \$74.66 |
| 1 | WZF-AM2 | WTM 4000 ADAPTIVE MODULATION LICENSE UP TO 4096 Q | \$285.83 | \$285.83 |
| 1 | AND-VHLP2 | ANTENNA, 18 GHZ, 0.6M (2FT), VALULINE, HPLP (RECTANG | \$841.86 | \$841.86 |
| 1 | 045-310107-001 | POE INJECTOR, 112W 40 to 72VDC, POWER CORD NOT INCLU | \$493.24 | \$493.24 |
| 1 | LP-POE-ALPU-01 | SURGE ARRESTOR ETHERNET 100 MBPS POE-COMPATIBLE | \$333.66 | \$333.66 |
| 1 | Misc-item | 150' Rolls Ethernet Cable (Shielded) | \$535.71 | \$535.71 |
| 1 | Installation Parts | Misc. installation parts | \$164.29 | \$164.29 |
| 1 | Licensing | License mWave | \$1,500.00 | \$1,500.00 |
| Alarming | | | | |
| 1 | X-408 | Web-Enabled Digital Input Module | \$271.36 | \$271.36 |
| Labor & Shipping | | | | |
| 1 | Shipping | Freight Shipping | \$4,571.43 | \$4,571.43 |
| 1 | Subcontractor | Electrician | \$5,000.00 | \$5,000.00 |
| 1 | RCM | Tower Crew | \$10,714.29 | \$10,714.29 |
| 2 | RCM | Installation Crew- 2 Men | \$1,485.71 | \$2,971.42 |
| 1 | Licensing | License VHF / P25 | \$1,200.00 | \$1,200.00 |
| 1 | RCM | Project Management and Engineering | \$6,700.00 | \$6,700.00 |
| 1 | RCM | System Staging | \$5,520.00 | \$5,520.00 |
| 1 | RCM | Technician Labor- Installation | \$5,520.00 | \$5,520.00 |
| 28 | RCM | Technician Labor | \$228.57 | \$6,399.96 |

\$139,393.50

Freeman Hill (BU Master Site)

| |
|----------------------|
| Hardware Refresh |
| - Replace repeaters |
| - New battery plant |
| - New Antenna System |

QTY Part Number Description Cost Each Cost Ext

| Tait & RF Antennas & cabling | | | | |
|---|--------------------|---|------------|------------|
| 2 | TB9435S-100T | TB9400 Single 100Watts Chassis Assembly | \$1,272.38 | \$2,544.76 |
| 2 | T01-01103-BAAA | TB9400 Reciter 148-174MHz | \$2,568.31 | \$5,136.62 |
| 2 | T01-01121-BBBA | TB94 Linear PA 148-174MHz 100Watts | \$2,028.75 | \$4,057.50 |
| 2 | T01-11140-BDAA | PMU DC48volts with Aux12volts | \$2,488.69 | \$4,977.38 |
| 1 | TBAS050 | P25 Common Air Interface (CAI) | \$5,429.19 | \$5,429.19 |
| 2 | TBAS073 | SFE Key - TaskBuilder | \$158.81 | \$317.62 |
| 2 | TBAS062 | Simulcast Enable | \$4,706.00 | \$9,412.00 |
| 2 | TBAS061 | Central Voter | \$4,801.88 | \$9,603.76 |
| 1 | OA40-41-P | VHF 4-Bay Dipole | \$4,109.43 | \$4,109.43 |
| 1 | PSA3 | 3' Standoff | \$885.71 | \$885.71 |
| 1 | Puck | Tieback Puck | \$77.29 | \$77.29 |
| 1 | P2150 (Pipe) | 12' Pipe | \$284.29 | \$284.29 |
| 1 | SCP10W | Pipe to Pipe Clamp | \$127.86 | \$127.86 |
| 75 | SCF12-50J | 1/2" Superflex Cable | \$3.03 | \$227.25 |
| 1 | 402/4.3M-4.3M/36 | RF Jumper | \$57.14 | \$57.14 |
| 8 | 15560751 | NM-SCF12-D01 N(M) connector for SCF12-50J | \$33.26 | \$266.08 |
| 1 | Misc-item | 19" Open Rack | \$551.43 | \$551.43 |
| 1 | Misc-item | Miscellaneous Installation Materials (Cables, connectors, etc.) | \$1,071.43 | \$1,071.43 |
| 2 | L009 | SAR / SAS | \$470.00 | \$940.00 |
| 200 | LCF78-50JAA7 TX | 7/8" LCF | \$4.14 | \$828.00 |
| 2 | 43F-LCF78-C03 | 7/8" LCF 4.3-10 Female | \$70.26 | \$140.52 |
| 1 | VHF50B43-ME-PGR-BD | 4.3-10 Polyphaser (M/F) | \$271.41 | \$271.41 |
| 6.667 | SSH-78 | Snapins (7/8") | \$55.99 | \$373.27 |
| 1 | HOIST1-78C | Hoisting Grip (7/8") | \$47.26 | \$47.26 |
| 2 | SG78-06B2A | 7/8" Ground Kits | \$46.54 | \$93.08 |
| 1 | 12S-43M | 1/2" SCF Mini-Din Male | \$73.57 | \$73.57 |
| 6 | 12S-NM | 1/2" SCF N-Male | \$19.60 | \$117.60 |
| 50 | WS240 | LMR240 Cable | \$0.51 | \$25.50 |
| 2 | RFN-1007-2SX | LMR240 N-Male Connector | \$19.24 | \$38.48 |
| 10 | RFB-1707-D | LMR240 BNC Connector | \$5.06 | \$50.60 |
| 2 | ZBNC021FBA (BNC T) | BNC "T" Adapters (10Mbps / 1PPS) | \$12.86 | \$25.72 |
| 2 | RIK19 | Isolation Plates | \$114.29 | \$228.58 |
| Spectracom | | | | |
| 1 | 2402-613 | SecureSync 2400 Time & Frequency synchronization system | \$7,126.00 | \$7,126.00 |
| 1 | 2400-HS-D2 | Hot Swappable 24/48 VDC Power Supply | \$1,246.00 | \$1,246.00 |
| 1 | 8230 | GPS/GNSS Outdoor Antenna | \$462.00 | \$462.00 |
| 1 | 8226 | GPS Surge protector | \$476.00 | \$476.00 |
| 1 | ANT-KT | Rugged Post Mount Kit | \$182.00 | \$182.00 |
| 4 | RFN-1006-3I | N (M) LMR400 | \$6.79 | \$27.16 |
| 80 | WS400 | LMR400 Cable | \$0.83 | \$66.40 |
| Battery Plant | | | | |
| 1 | C2RS-48 | Centurion Controller | \$3,666.44 | \$3,666.44 |
| 10 | Circuit Breakers | Breakers (6A-30A as Required) | \$38.57 | \$385.70 |
| 2 | RM2048HE | Rectifiers | \$2,674.29 | \$5,348.58 |
| 1 | C2BP | Blank Plate | \$42.86 | \$42.86 |
| 2 | Battery Wiring | Heavy Gauge w/ Lugs | \$428.57 | \$857.14 |
| 2 | DCDC-500-48-12 | 48-12 -DC-DC CONVERTER, 500W | \$342.86 | \$685.72 |
| 1 | RMI-800W-1U | Newmar 48 VDC to 120 VAC Inverter, 800w | \$830.57 | \$830.57 |
| 2 | 48V100A-LIPO4-3U | Newmar 100AH LiFePO4 Battery | \$3,137.14 | \$6,274.28 |
| Alarming | | | | |
| 1 | X-408 | Web-Enabled Digital Input Module | \$271.36 | \$271.36 |
| Labor & Shipping | | | | |
| 1 | Shipping | Freight Shipping | \$4,571.43 | \$4,571.43 |

| | | | | |
|----|---------------|------------------------------------|------------|------------|
| 1 | Subcontractor | Electrician | \$5,000.00 | \$5,000.00 |
| 1 | RCM | Tower Crew | \$7,857.14 | \$7,857.14 |
| 2 | RCM | Installation Crew- 2 Men | \$1,485.71 | \$2,971.42 |
| 1 | Licensing | License VHF / P25 | \$1,200.00 | \$1,200.00 |
| 1 | RCM | Project Management and Engineering | \$6,700.00 | \$6,700.00 |
| 1 | RCM | System Staging | \$5,520.00 | \$5,520.00 |
| 1 | RCM | Technician Labor- Installation | \$5,520.00 | \$5,520.00 |
| 28 | RCM | Technician Labor | \$228.57 | \$6,399.96 |

\$126,078.49

CCRCC (Satellite Site)

Upgrade from Receive only Simulcast Transmit and Receive

- Replace repeaters
- New battery plant
- New antenna combiner system
- New Antenna System

| QTY | Part Number | Description | Cost Each | Cost Ext |
|---|--------------------|---|-------------|-------------|
| Tait & RF Antennas & cabling | | | | |
| 2 | TB9435S-100T | TB9400 Single 100Watts Chassis Assembly | \$1,272.38 | \$2,544.76 |
| 2 | T01-01103-BAAA | TB9400 Reciter 148-174MHz | \$2,568.31 | \$5,136.62 |
| 2 | T01-01121-BBBA | TB94 Linear PA 148-174MHz 100Watts | \$2,028.75 | \$4,057.50 |
| 2 | T01-11140-BDAA | PMU DC48volts with Aux12volts | \$2,488.69 | \$4,977.38 |
| 1 | TBAS050 | P25 Common Air Interface (CAI) | \$5,429.19 | \$5,429.19 |
| 2 | TBAS073 | SFE Key - TaskBuilder | \$158.81 | \$317.62 |
| 2 | TBAS062 | Simulcast Enable | \$4,706.00 | \$9,412.00 |
| 2 | TBAS061 | Central Voter | \$4,801.88 | \$9,603.76 |
| 1 | OA40-41-P | VHF 4-Bay Dipole | \$4,109.43 | \$4,109.43 |
| 1 | PSA3 | 3' Standoff | \$885.71 | \$885.71 |
| 1 | Puck | Tieback Puck | \$77.29 | \$77.29 |
| 1 | P2150 (Pipe) | 12' Pipe | \$284.29 | \$284.29 |
| 1 | SCP10W | Pipe to Pipe Clamp | \$127.86 | \$127.86 |
| 75 | SCF12-50J | 1/2" Superflex Cable | \$3.03 | \$227.25 |
| 1 | 402/4.3M-4.3M/36 | RF Jumper | \$57.14 | \$57.14 |
| 8 | 15560751 | NM-SCF12-D01 N(M) connector for SCF12-50J | \$33.26 | \$266.08 |
| 1 | Misc-item | 19" Open Rack | \$551.43 | \$551.43 |
| 1 | Misc-item | Miscellaneous Installation Materials (Cables, connectors, etc.) | \$1,071.43 | \$1,071.43 |
| 2 | L009 | SAR / SAS | \$470.00 | \$940.00 |
| 200 | LCF78-50JAA7 TX | 7/8" LCF | \$4.14 | \$828.00 |
| 2 | 43F-LCF78-C03 | 7/8" LCF 4.3-10 Female | \$70.26 | \$140.52 |
| 1 | VHF50B43-ME-PGR-BD | 4.3-10 Polyphaser (M/F) | \$271.41 | \$271.41 |
| 6.667 | SSH-78 | Snapins (7/8") | \$55.99 | \$373.27 |
| 1 | HOIST1-78C | Hoisting Grip (7/8") | \$47.26 | \$47.26 |
| 2 | SG78-06B2A | 7/8" Ground Kits | \$46.54 | \$93.08 |
| 50 | SCF12-50J | 1/2" Superflex | \$5.01 | \$250.50 |
| 1 | 12S-43M | 1/2" SCF Mini-Din Male | \$73.57 | \$73.57 |
| 6 | 12S-NM | 1/2" SCF N-Male | \$19.60 | \$117.60 |
| 50 | WS240 | LMR240 Cable | \$0.51 | \$25.50 |
| 2 | RFN-1007-2SX | LMR240 N-Male Connector | \$19.24 | \$38.48 |
| 10 | RFB-1707-D | LMR240 BNC Connector | \$5.06 | \$50.60 |
| 2 | ZBNC021FBA (BNC T) | BNC "T" Adapters (10Mbps / 1PPS) | \$12.86 | \$25.72 |
| 2 | RIK19 | Isolation Plates | \$114.29 | \$228.58 |
| Combiner, Antenna and Cabling | | | | |
| 1 | 74-37-08452-E | TX/RX Custom Antenna Combining System | \$18,928.00 | \$18,928.00 |

| Spectracom | | | | |
|-----------------------------|------------------|---|------------|------------|
| 1 | 2402-613 | SecureSync 2400 Time & Frequency synchronization system | \$7,126.00 | \$7,126.00 |
| 1 | 2400-HS-D2 | Hot Swappable 24/48 VDC Power Supply | \$1,246.00 | \$1,246.00 |
| 1 | 8230 | GPS/GNSS Outdoor Antenna | \$462.00 | \$462.00 |
| 1 | 8226 | GPS Surge protector | \$476.00 | \$476.00 |
| 1 | ANT-KT | Rugged Post Mount Kit | \$182.00 | \$182.00 |
| 4 | RFN-1006-3I | N (M) LMR400 | \$6.79 | \$27.16 |
| 80 | WS400 | LMR400 Cable | \$0.83 | \$66.40 |
| Battery Plant | | | | |
| 1 | C2RS-48 | Centurion Controller | \$3,666.44 | \$3,666.44 |
| 10 | Circuit Breakers | Breakers (6A-30A as Required) | \$38.57 | \$385.70 |
| 2 | RM2048HE | Rectifiers | \$2,674.29 | \$5,348.58 |
| 1 | C2BP | Blank Plate | \$42.86 | \$42.86 |
| 2 | Battery Wiring | Heavy Gauge w/ Lugs | \$428.57 | \$857.14 |
| 2 | DCDC-500-48-12 | 48-12 -DC-DC CONVERTER, 500W | \$342.86 | \$685.72 |
| 1 | RMI-800W-1U | Newmar 48 VDC to 120 VAC Inverter, 800w | \$830.57 | \$830.57 |
| 2 | 48V100A-LIPO4-3U | Newmar 100AH LiFePO4 Battery | \$3,137.14 | \$6,274.28 |
| Alarming | | | | |
| 1 | X-408 | Web-Enabled Digital Input Module | \$271.36 | \$271.36 |
| 1 | X-400 | Web-Enabled I/O Controller | \$512.86 | \$271.36 |
| 5 | X-12S | Web-Enabled I/O Expansion Module | \$255.71 | \$271.36 |
| Labor & Shipping | | | | |
| 1 | Shipping | Freight Shipping | \$4,571.43 | \$4,571.43 |
| 1 | Subcontractor | Electrician | \$5,000.00 | \$5,000.00 |
| 1 | RCM | Tower Crew | \$7,857.14 | \$7,857.14 |
| 2 | RCM | Installation Crew- 2 Men | \$1,485.71 | \$2,971.42 |
| 1 | Licensing | License VHF / P25 | \$1,200.00 | \$1,200.00 |
| 1 | RCM | Project Management and Engineering | \$6,700.00 | \$6,700.00 |
| 1 | RCM | System Staging | \$5,520.00 | \$5,520.00 |
| 1 | RCM | Technician Labor- Installation | \$5,520.00 | \$5,520.00 |
| 28 | RCM | Technician Labor | \$228.57 | \$6,399.96 |

\$145,799.71

Windham School (Manchester Elementary)(Satellite Site)

New Site
- New repeaters
- New battery plant
- New microwave
- New antenna combiner system
- New VHF antenna system

| <u>QTY</u> | <u>Part Number</u> | <u>Description</u> | <u>Cost Each</u> | <u>Cost Ext</u> |
|---|--------------------|---|------------------|-----------------|
| Tait & RF Antennas & cabling | | | | |
| 2 | TB9435S-100T | TB9400 Single 100Watts Chassis Assembly | \$1,272.38 | \$2,544.76 |
| 2 | T01-01103-BAAA | TB9400 Reciter 148-174MHz | \$2,568.31 | \$5,136.62 |
| 2 | T01-01121-BBBA | TB94 Linear PA 148-174MHz 100Watts | \$2,028.75 | \$4,057.50 |
| 2 | T01-11140-BDAA | PMU DC48volts with Aux12volts | \$2,488.69 | \$4,977.38 |
| 1 | TBAS050 | P25 Common Air Interface (CAI) | \$5,429.19 | \$5,429.19 |
| 2 | TBAS073 | SFE Key - TaskBuilder | \$158.81 | \$317.62 |
| 2 | TBAS062 | Simulcast Enable | \$4,706.00 | \$9,412.00 |
| 2 | TBAS061 | Central Voter | \$4,801.88 | \$9,603.76 |
| 1 | OA40-41-P | VHF 4-Bay Dipole | \$4,109.43 | \$4,109.43 |
| 1 | PSA3 | 3' Standoff | \$885.71 | \$885.71 |
| 1 | Puck | Tieback Puck | \$77.29 | \$77.29 |

| | | | | |
|--------------------------------------|--------------------|---|-------------|-------------|
| 1 | P2150 (Pipe) | 12' Pipe | \$284.29 | \$284.29 |
| 1 | SCP10W | Pipe to Pipe Clamp | \$127.86 | \$127.86 |
| 75 | SCF12-50J | 1/2" Superflex Cable | \$3.03 | \$227.25 |
| 1 | 402/4.3M-4.3M/36 | RF Jumper | \$57.14 | \$57.14 |
| 8 | 15560751 | NM-SCF12-D01 N(M) connector for SCF12-50J | \$33.26 | \$266.08 |
| 1 | Misc-item | 19" Open Rack | \$551.43 | \$551.43 |
| 1 | Misc-item | Miscellaneous Installation Materials (Cables, connectors, etc.) | \$1,071.43 | \$1,071.43 |
| 2 | L009 | SAR / SAS | \$470.00 | \$940.00 |
| 200 | LCF78-50JAA7TX | 7/8" LCF | \$4.14 | \$828.00 |
| 2 | 43F-LCF78-C03 | 7/8" LCF 4.3-10 Female | \$70.26 | \$140.52 |
| 1 | VHF50B43-ME-PGR-BD | 4.3-10 Polyphaser (M/F) | \$271.41 | \$271.41 |
| 6.667 | SSH-78 | Snapins (7/8") | \$55.99 | \$373.27 |
| 1 | HOIST1-78C | Hoisting Grip (7/8") | \$47.26 | \$47.26 |
| 2 | SG78-06B2A | 7/8" Ground Kits | \$46.54 | \$93.08 |
| 50 | SCF12-50J | 1/2" Superflex | \$5.01 | \$250.50 |
| 1 | 12S-43M | 1/2" SCF Mini-Din Male | \$73.57 | \$73.57 |
| 6 | 12S-NM | 1/2" SCF N-Male | \$19.60 | \$117.60 |
| 50 | WS240 | LMR240 Cable | \$0.51 | \$25.50 |
| 2 | RFN-1007-2SX | LMR240 N-Male Connector | \$19.24 | \$38.48 |
| 10 | RFB-1707-D | LMR240 BNC Connector | \$5.06 | \$50.60 |
| 2 | ZBNC021FBA (BNC T) | BNC "T" Adapters (10Mbps / 1PPS) | \$12.86 | \$25.72 |
| 2 | RIK19 | Isolation Plates | \$114.29 | \$228.58 |
| Combiner, Antenna and Cabling | | | | |
| 1 | 74-37-08452-E | TX/RX Custom Antenna Combining System | \$18,928.00 | \$18,928.00 |
| Spectracom | | | | |
| 1 | 2402-613 | SecureSync 2400 Time & Frequency synchronization system | \$7,126.00 | \$7,126.00 |
| 1 | 2400-HS-D2 | Hot Swappable 24/48 VDC Power Supply | \$1,246.00 | \$1,246.00 |
| 1 | 8230 | GPS/GNSS Outdoor Antenna | \$462.00 | \$462.00 |
| 1 | 8226 | GPS Surge protector | \$476.00 | \$476.00 |
| 1 | ANT-KT | Rugged Post Mount Kit | \$182.00 | \$182.00 |
| 4 | RFN-1006-3I | N (M) LMR400 | \$6.79 | \$27.16 |
| 80 | WS400 | LMR400 Cable | \$0.83 | \$66.40 |
| Battery Plant | | | | |
| 1 | C2RS-48 | Centurion Controller | \$3,666.44 | \$3,666.44 |
| 10 | Circuit Breakers | Breakers (6A-30A as Required) | \$38.57 | \$385.70 |
| 2 | RM2048HE | Rectifiers | \$2,674.29 | \$5,348.58 |
| 1 | C2BP | Blank Plate | \$42.86 | \$42.86 |
| 2 | Battery Wiring | Heavy Gauge w/ Lugs | \$428.57 | \$857.14 |
| 2 | DCDC-500-48-12 | 48-12 -DC-DC CONVERTER, 500W | \$342.86 | \$685.72 |
| 1 | RMI-800W-1U | Newmar 48 VDC to 120 VAC Inverter, 800w | \$830.57 | \$830.57 |
| 2 | 48V100A-LIPO4-3U | Newmar 100AH LiFePO4 Battery | \$3,137.14 | \$6,274.28 |
| Alarming | | | | |
| 1 | X-408 | Web-Enabled Digital Input Module | \$271.36 | \$271.36 |
| Labor & Shipping | | | | |
| 1 | Shipping | Freight Shipping | \$4,571.43 | \$4,571.43 |
| 1 | Subcontractor | Electrician | \$5,000.00 | \$5,000.00 |
| 1 | RCM | Tower Crew | \$7,857.14 | \$7,857.14 |
| 2 | RCM | Installation Crew- 2 Men | \$1,485.71 | \$2,971.42 |
| 1 | Licensing | License VHF / P25 | \$1,200.00 | \$1,200.00 |
| 1 | RCM | Project Management and Engineering | \$6,700.00 | \$6,700.00 |
| 1 | RCM | System Staging | \$5,520.00 | \$5,520.00 |
| 1 | RCM | Technician Labor- Installation | \$5,520.00 | \$5,520.00 |
| 28 | RCM | Technician Labor | \$228.57 | \$6,399.96 |

\$145,256.99

Console Interface

| QTY | Part Number | Description | Cost Each | Cost Ext |
|-----|-------------|--|------------|--------------------|
| 2 | 901-9725 | MAX Digital Radio Gateway | \$4,394.93 | \$8,789.86 |
| 4 | 930-0270 | P25 DFSI Interface License- A license is required for each DFSI Talk | \$1,357.57 | \$5,430.28 |
| 2 | 930-0376 | Block of 2 Radio Channel Licenses | \$325.93 | \$651.86 |
| 4 | 930-0227 | MDC-1200 (encode/decode) Signaling | \$544.14 | \$2,176.56 |
| 2 | 950-0263 | Fleetsync | \$544.14 | \$1,088.28 |
| 2 | 416-0043 | Fuse, 3 Amp | \$85.71 | \$171.42 |
| 1 | 950-0588 | Dual Unit Rack Mount Option | \$233.07 | \$233.07 |
| 1 | Misc-item | Miscellaneous Installation Materials (Cables, connectors, etc.) | \$201.43 | \$201.43 |
| 21 | RCM | Technician Labor | \$164.29 | \$3,450.09 |
| | | | | \$22,192.85 |

Spares

| QTY | Part Number | Description | Cost Each | Cost Ext |
|-----|-----------------|--|------------|--------------------|
| 1 | TB9435S-100T | TB9400 Single 100Watts Chassis Assembly | \$1,272.38 | \$1,272.38 |
| 1 | T01-01103-BAAA | TB9400 Reciter 148-174MHz | \$2,568.31 | \$2,568.31 |
| 1 | T01-01121-BBBA | TB94 Linear PA 148-174MHz 100Watts | \$2,028.75 | \$2,028.75 |
| 1 | T01-11140-BDAA | PMU DC48volts with Aux12volts | \$2,488.69 | \$2,488.69 |
| 1 | TBAS050 | P25 Common Air Interface (CAI) | \$5,429.06 | \$5,429.06 |
| 1 | TBAS073 | SFE Key - TaskBuilder | \$158.81 | \$158.81 |
| 1 | TBAS062 | Simulcast Enable | \$4,706.00 | \$4,706.00 |
| 1 | TBAS061 | Central Voter | \$4,801.88 | \$4,801.88 |
| 1 | TBAS060 | Digital Fixed Station Interface | \$440.63 | \$440.63 |
| 1 | 2402-613 | SecureSync 2400 Time & Frequency synchronization system | \$7,126.00 | \$7,126.00 |
| 1 | 2400-HS-D2 | Hot Swappable 24/48 VDC Power Supply | \$1,246.00 | \$1,246.00 |
| 0 | 8230 | GPS/GNSS Outdoor Antenna | \$462.00 | \$0.00 |
| 0 | 8226 | GPS Surge protector | \$476.00 | \$0.00 |
| 0 | L009 | SAR / SAS | \$470.00 | \$0.00 |
| 0 | RM2048HE | Rectifiers | \$2,674.29 | \$0.00 |
| 0 | DCDC-500-48-12 | 48-12 -DC-DC CONVERTER, 500W | \$342.86 | \$0.00 |
| 0 | RMI-800W-1U | Newmar 48 VDC to 120 VAC Inverter, 800w | \$830.57 | \$0.00 |
| 0 | 901-9725 | MAX Digital Radio Gateway | \$4,394.93 | \$0.00 |
| 0 | W41-18L1-DP2 | WTM 4100, 18GHz Low | \$5,045.56 | \$0.00 |
| 0 | W41-18H1-DP2 | WTM 4100, 18GHz High | \$5,046.99 | \$0.00 |
| 0 | WZL-Base | WTM 4000 BASE LICENSE, INC CLI & GUI, IPv4 OR IPv6, VLA | \$119.10 | \$0.00 |
| 0 | WZL-Enterprise | WTM 4100 Enterprise Feature Set Enable including 4096 QAM, 1 G | \$1,078.10 | \$0.00 |
| 0 | WZF-40050 | WTM 4000 RADIO THROUGHPUT LICENSE 50 Mbps | \$74.66 | \$0.00 |
| 0 | WZF-AM2 | WTM 4000 ADAPTIVE MODULATION LICENSE UP TO 4096 Q | \$285.83 | \$0.00 |
| 0 | 045-310107-001 | POE INJECTOR, 112W 40 to 72VDC, POWER CORD NOT INCLU | \$493.24 | \$0.00 |
| 0 | LP-POE-AI.PU-01 | SURGE ARRESTOR ETHERNET 100 MBPS POE-COMPATIBLE | \$333.66 | \$0.00 |
| | | | | \$32,266.51 |

Warranty Years 2-5 (optional)

| QTY | Part Number | Description | Cost Each | Cost Ext |
|-----|-------------|-------------------|-------------|----------|
| 0 | Hardware | Year 2 - Hardware | \$20,620.79 | \$0.00 |
| 0 | Labor | Year 2 - 24/7/365 | \$5,520.00 | \$0.00 |
| 0 | Hardware | Year 3 - Hardware | \$0.00 | \$0.00 |

| | | | | |
|---|----------|-------------------|------------|--------|
| 0 | Labor | Year 3 - 24/7/365 | \$5,520.00 | \$0.00 |
| 0 | Hardware | Year 4 - Hardware | \$0.00 | \$0.00 |
| 0 | Labor | Year 4 - 24/7/365 | \$5,520.00 | \$0.00 |
| 0 | Hardware | Year 5 - Hardware | \$0.00 | \$0.00 |
| 0 | Labor | Year 5 - 24/7/365 | \$5,520.00 | \$0.00 |

\$0.00

Mobile Radios

| QTY | Part Number | Description | Cost Each | Cost Ext |
|-----|----------------|---|-------------------|--------------------|
| 14 | TM9900N0CA-T | TM9900 Full HP 136-941M BNC Ext Alm | \$1,089.00 | \$15,246.00 |
| 11 | T02-00026-1003 | Kit Mobile Cable BNC 30-50W | \$55.69 | \$779.66 |
| 14 | T02-00026-2001 | Kit Mobile Mount U-Cradle | \$18.56 | \$259.84 |
| 14 | T02-00065-5101 | TCH8 Upgd Rmt Cntrl Hd 11Ky Kit Blk | \$539.69 | \$7,555.66 |
| 11 | TMAS160 | Multi Protocol SFE Bundle (99) (Includes TMAS031, TMAS081, TM | \$206.25 | \$2,887.50 |
| 14 | TMAS050 | P25 Conventional | \$217.25 | \$3,041.50 |
| 14 | T02-00005-AAAA | TM Standard Microphone TDMA | \$66.69 | \$933.66 |
| 11 | TMAS153 | P25 CAP Encryption AES/DES (Includes TMAS057, TMAS058) | \$627.00 | \$8,778.00 |
| 14 | T02-00026-5002 | TCH8 Pwr/Spkr Cable Kit | \$55.00 | \$770.00 |
| 14 | T02-00004-0205 | TM External Speaker 10W for 30-50W Radio | \$59.81 | \$837.34 |
| 11 | RFU-600-6 | Mini-UHF Connectors | \$4.25 | \$59.50 |
| | | | \$2,939.19 | \$41,148.66 |

Final System Acceptance Certificate

Town of Windham

Communications Systems Upgrade

This Final System Acceptance Certificate memorializes the occurrence of Final System Acceptance. RCM and the Town acknowledge that:

1. The Final System Acceptance test plan has been successfully completed.
2. The Communications System is accepted.

Town Representative:

RCM Representative:

Signature: _____

Signature: _____

Print Name: _____

Print Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

FINAL SYSTEM ACCEPTANCE:

RCM has provided and the Town has received all deliverables, and RCM has performed all other work required for Final System Acceptance.

Town Representative:

RCM Representative:

Signature: _____

Signature: _____

Print Name: _____

Print Name: _____

Title: _____

Title: _____

Date: _____

Date: _____