



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



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Beaulieu

CHRISTOPHER D. CLEMENT, SR.
COMMISSIONER

JEFF BRILLHART, P.E.
ASSISTANT COMMISSIONER

Bureau of Traffic
September 4, 2013

Her Excellency, Governor Margaret Wood Hassan
and the Honorable Council
State House
Concord, New Hampshire 03301

REQUESTED ACTION

Authorize the Department of Transportation to enter into a contract with Alpine Mountain Electronics, Barnstead, NH (Vendor # 207534) on the basis of a low bid in the amount of \$10,307.20 for the purpose of providing mobile radio installation services. The contract period is from the date of Governor and Council's approval until June 30, 2015. 79.4% Highway Funds and 20.6% Turnpike Funds.

Funding is available as follows:

	FY 2014	FY 2015
04-96-96-960515-3007 Highway Maintenance Bureau 024-500225 Contract Repairs; Machine, Equip.	\$4,092.80	\$4,692.80
04-96-96-961017-7022 Turnpike Administration 024-500225 Contract Repairs; Machine, Equip.	\$187.20	\$0
04-96-96-961017-7027 Central Turnpike Maintenance 024-500225 Contract Repairs; Machine, Equip.	\$124.80	\$249.60
04-96-96-961017-7032 Blue Star Memorial Highway Maintenance 024-500225 Contract Repairs; Machine, Equip.	\$249.60	\$0
04-96-96-961017-7037 Spaulding Turnpike Maintenance 024-500225 Contract Repairs; Machine, Equip.	\$499.20	\$211.20
Total	\$5,153.60	\$5,153.60

EXPLANATION

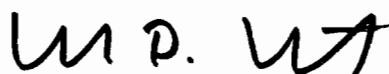
The Department of Transportation operates a statewide radio communications network that consists of mountain top repeaters, dispatch centers, control (base) stations, and land mobile radios that link toll, bridge maintenance, traffic operations, and highway maintenance facilities with field staff. Certain vehicles in the Department's fleet are equipped with mobile radios that must be removed and re-installed as vehicles are retired and replacement vehicles are placed into service. This contract is established to provide those essential services of mobile radio removals and installations for all types of Department vehicles in a timely manner at the contract prices bid.

Bid proposals were mailed to several local radio shops and a bid invitation was advertised in the Concord Monitor and Manchester Union Leader newspapers on June 23, and June 24, 2013. Four bids were received with Alpine Mountain Electronics of Barnstead, N.H. responding with the lowest bid price. Attached is a copy of the bid tabulation. The Department is satisfied that the bid prices are reasonable and that Alpine Mountain Electronics is qualified to perform the required work.

This contract has been approved by the Attorney General as to form and execution and the Department has verified that the necessary funds are available. Copies of the fully executed contract are on file at the Secretary of State office and the Department of Administrative Services office, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

Your approval of this contract is respectfully requested.

Sincerely,

A handwritten signature in black ink, appearing to read "C.D. Clement", with a stylized flourish at the end.

Christopher D. Clement, Sr.
Commissioner

Attachments

EXHIBIT B

Installation Rates for Mobile Radios with Accessories (per unit)

Type of Vehicle	Type of Radio or Configuration	Estimated # of Units	Alpine Mtn Electronics	R&R Communications	Ossipee Mtn Electronics	Wright Communications	Estimated Cost
Light Truck or Car	Trunk / Remote Mount	15	\$ 936.00	\$ 1,650.00	\$ 1,275.00	\$ 2,205.00	\$3,750.00
Light Truck or Car	Dash Mount	1	\$ 50.00	\$ 70.00	\$ 66.00	\$ 117.60	\$200.00
Light Truck or Car	Dual-Band / Remote	1	\$ 86.40	\$ 130.00	\$ 110.00	\$ 147.00	\$300.00
3-5 Ton Truck	Remote Mount	30	\$ 1,872.00	\$ 3,300.00	\$ 2,850.00	\$ 4,410.00	\$7,500.00
Heavy Equipment 24-volt	Dash Mount	1	\$ 86.40	\$ 70.00	\$ 110.00	\$ 117.60	\$200.00
Light Truck or Car	2-Each Trunk / Remote Mount	1	\$ 124.80	\$ 110.00	\$ 110.00	\$ 147.00	\$85.00
		Subtotal	\$3,155.60	\$5,330.00	\$4,521.00	\$7,144.20	\$12,035.00

Accessories: Antennae, Standard Option Cables, DC Power Cables, External and / or Internal Speaker(s), and Microphone

Mobile Radio Removal Rates (per unit)							
Vehicle Type	Radio type	Estimated Number of Units Per Year	Alpine Mtn Electronics	R&R Communications	Ossipee Mtn Electronics	Wright Communications	Estimated Costs Subtotal Annual Cost
Light Truck or Car	Trunk / Remote Mount	25	\$845.00	\$1,000.00	\$1,325.00	\$2,940.00	\$2,125.00
Light Truck or Car	Dash Mount	1	\$30.00	\$40.00	\$44.00	\$88.20	\$85.00
Light Truck or Car	Dual-Band / Remote	1	\$62.50	\$50.00	\$65.00	\$147.00	\$85.00
3-5 Ton Truck	Remote Mount	30	\$1,008.00	\$1,200.00	\$1,740.00	\$3,528.00	\$2,550.00
Heavy Equipment 24-volt	Dash Mount	1	\$52.50	\$40.00	\$65.00	\$88.20	\$85.00
			\$1,998.00	\$2,330.00	\$3,239.00	\$6,791.40	\$4,930.00
Enter Subtotal from Page 1 of 1			\$3,155.60	\$5,330.00	\$4,521.00	\$7,144.20	\$12,035.00
							TOTAL
This is the yearly Bid			\$5,153.60	\$7,660.00	\$7,760.00	\$13,935.60	\$16,965.00
This is the total 2-Year Bid			\$10,307.20	\$15,320.00	\$15,520.00	\$27,871.20	\$33,930.00

Accessories: Antennae, Standard Option Cables, DC Power Cables, External and / or Internal Speaker(s), and Microphone

Subject:

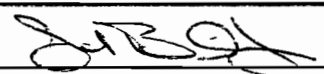
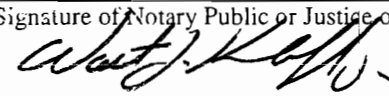
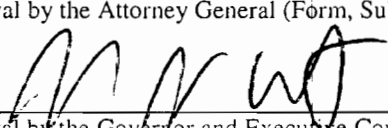
2013 Radio Installation (RI) Contract

FORM NUMBER P-37 (version 1/09)

AGREEMENT

The State of New Hampshire and the Contractor hereby mutually agree as follows:

GENERAL PROVISIONS**1. IDENTIFICATION.**

1.1 State Agency Name NH Department of Transportation		1.2 State Agency Address Seven Hazen Drive, Concord, NH 03302-0483	
1.3 Contractor Name Alpine Mountain Electronics, Vendor # 207534		1.4 Contractor Address 31 Varney Road, Center Barnstead, NH, 03225	
1.5 Contractor Phone Number 603-509-2963	1.6 Account Number Several see attachment	1.7 Completion Date JUNE 30, 2015	1.8 Price Limitation \$ 10,307.20
1.9 Contracting Officer for State Agency William P. Janelle		1.10 State Agency Telephone Number 603-227-0018	
1.11 Contractor Signature 		1.12 Name and Title of Contractor Signatory Mr. John M. Bartolin Jr.	
1.13 Acknowledgement: State of <u>N.H.</u> , County of <u>Merrimack</u> On <u>8/13/13</u> , before the undersigned officer, personally appeared the person identified in block 1.12, or satisfactorily proven to be the person whose name is signed in block 1.11, and acknowledged that s/he executed this document in the capacity indicated in block 1.12.			
1.13.1 Signature of Notary Public or Justice of the Peace  [Seal]		WALTER J. KEUENHOFF, JR., Notary Public My Commission Expires October 8, 2013	
1.13.2 Name and Title of Notary or Justice of the Peace 			
1.14 State Agency Signature 		1.15 Name and Title of State Agency Signatory William P. Janelle, Director	
1.16 Approval by the N.H. Department of Administration, Division of Personnel (if applicable) By: _____ Director, On: _____			
1.17 Approval by the Attorney General (Form, Substance and Execution) By:  On: 10/8/13			
1.18 Approval by the Governor and Executive Council By: _____ On: _____			

2. EMPLOYMENT OF CONTRACTOR/SERVICES TO BE PERFORMED. The State of New Hampshire, acting through the agency identified in block 1.1 ("State"), engages contractor identified in block 1.3 ("Contractor") to perform, and the Contractor shall perform, the work or sale of goods, or both, identified and more particularly described in the attached EXHIBIT A which is incorporated herein by reference ("Services").

3. EFFECTIVE DATE/COMPLETION OF SERVICES.

3.1 Notwithstanding any provision of this Agreement to the contrary, and subject to the approval of the Governor and Executive Council of the State of New Hampshire, this Agreement, and all obligations of the parties hereunder, shall not become effective until the date the Governor and Executive Council approve this Agreement ("Effective Date").

3.2 If the Contractor commences the Services prior to the Effective Date, all Services performed by the Contractor prior to the Effective Date shall be performed at the sole risk of the Contractor, and in the event that this Agreement does not become effective, the State shall have no liability to the Contractor, including without limitation, any obligation to pay the Contractor for any costs incurred or Services performed. Contractor must complete all Services by the Completion Date specified in block 1.7.

4. CONDITIONAL NATURE OF AGREEMENT.

Notwithstanding any provision of this Agreement to the contrary, all obligations of the State hereunder, including, without limitation, the continuance of payments hereunder, are contingent upon the availability and continued appropriation of funds, and in no event shall the State be liable for any payments hereunder in excess of such available appropriated funds. In the event of a reduction or termination of appropriated funds, the State shall have the right to withhold payment until such funds become available, if ever, and shall have the right to terminate this Agreement immediately upon giving the Contractor notice of such termination. The State shall not be required to transfer funds from any other account to the Account identified in block 1.6 in the event funds in that Account are reduced or unavailable.

5. CONTRACT PRICE/PRICE LIMITATION/ PAYMENT.

5.1 The contract price, method of payment, and terms of payment are identified and more particularly described in EXHIBIT B which is incorporated herein by reference.

5.2 The payment by the State of the contract price shall be the only and the complete reimbursement to the Contractor for all expenses, of whatever nature incurred by the Contractor in the performance hereof, and shall be the only and the complete compensation to the Contractor for the Services. The State shall have no liability to the Contractor other than the contract price.

5.3 The State reserves the right to offset from any amounts otherwise payable to the Contractor under this Agreement those liquidated amounts required or permitted by N.H. RSA 80:7 through RSA 80:7-c or any other provision of law.

5.4 Notwithstanding any provision in this Agreement to the contrary, and notwithstanding unexpected circumstances, in no event shall the total of all payments authorized, or actually made hereunder, exceed the Price Limitation set forth in block 1.8.

6. COMPLIANCE BY CONTRACTOR WITH LAWS AND REGULATIONS/ EQUAL EMPLOYMENT OPPORTUNITY.

6.1 In connection with the performance of the Services, the Contractor shall comply with all statutes, laws, regulations, and orders of federal, state, county or municipal authorities which impose any obligation or duty upon the Contractor, including, but not limited to, civil rights and equal opportunity laws. In addition, the Contractor shall comply with all applicable copyright laws.

6.2 During the term of this Agreement, the Contractor shall not discriminate against employees or applicants for employment because of race, color, religion, creed, age, sex, handicap, sexual orientation, or national origin and will take affirmative action to prevent such discrimination.

6.3 If this Agreement is funded in any part by monies of the United States, the Contractor shall comply with all the provisions of Executive Order No. 11246 ("Equal Employment Opportunity"), as supplemented by the regulations of the United States Department of Labor (41 C.F.R. Part 60), and with any rules, regulations and guidelines as the State of New Hampshire or the United States issue to implement these regulations. The Contractor further agrees to permit the State or United States access to any of the Contractor's books, records and accounts for the purpose of ascertaining compliance with all rules, regulations and orders, and the covenants, terms and conditions of this Agreement.

7. PERSONNEL.

7.1 The Contractor shall at its own expense provide all personnel necessary to perform the Services. The Contractor warrants that all personnel engaged in the Services shall be qualified to perform the Services, and shall be properly licensed and otherwise authorized to do so under all applicable laws.

7.2 Unless otherwise authorized in writing, during the term of this Agreement, and for a period of six (6) months after the Completion Date in block 1.7, the Contractor shall not hire, and shall not permit any subcontractor or other person, firm or corporation with whom it is engaged in a combined effort to perform the Services to hire, any person who is a State employee or official, who is materially involved in the procurement, administration or performance of this Agreement. This provision shall survive termination of this Agreement.

7.3 The Contracting Officer specified in block 1.9, or his or her successor, shall be the State's representative. In the event of any dispute concerning the interpretation of this Agreement, the Contracting Officer's decision shall be final for the State.

8. EVENT OF DEFAULT/REMEDIES.

8.1 Any one or more of the following acts or omissions of the Contractor shall constitute an event of default hereunder ("Event of Default"):

- 8.1.1 failure to perform the Services satisfactorily or on schedule;
- 8.1.2 failure to submit any report required hereunder; and/or
- 8.1.3 failure to perform any other covenant, term or condition of this Agreement.

8.2 Upon the occurrence of any Event of Default, the State may take any one, or more, or all, of the following actions:

- 8.2.1 give the Contractor a written notice specifying the Event of Default and requiring it to be remedied within, in the absence of a greater or lesser specification of time, thirty (30) days from the date of the notice; and if the Event of Default is not timely remedied, terminate this Agreement, effective two (2) days after giving the Contractor notice of termination;
- 8.2.2 give the Contractor a written notice specifying the Event of Default and suspending all payments to be made under this Agreement and ordering that the portion of the contract price which would otherwise accrue to the Contractor during the period from the date of such notice until such time as the State determines that the Contractor has cured the Event of Default shall never be paid to the Contractor;
- 8.2.3 set off against any other obligations the State may owe to the Contractor any damages the State suffers by reason of any Event of Default; and/or
- 8.2.4 treat the Agreement as breached and pursue any of its remedies at law or in equity, or both.

9. DATA/ACCESS/CONFIDENTIALITY/PRESERVATION.

9.1 As used in this Agreement, the word "data" shall mean all information and things developed or obtained during the performance of, or acquired or developed by reason of, this Agreement, including, but not limited to, all studies, reports, files, formulae, surveys, maps, charts, sound recordings, video recordings, pictorial reproductions, drawings, analyses, graphic representations, computer programs, computer printouts, notes, letters, memoranda, papers, and documents, all whether finished or unfinished.

9.2 All data and any property which has been received from the State or purchased with funds provided for that purpose under this Agreement, shall be the property of the State, and shall be returned to the State upon demand or upon termination of this Agreement for any reason.

9.3 Confidentiality of data shall be governed by N.H. RSA chapter 91-A or other existing law. Disclosure of data requires prior written approval of the State.

10. TERMINATION. In the event of an early termination of this Agreement for any reason other than the completion of the Services, the Contractor shall deliver to the Contracting Officer, not later than fifteen (15) days after the date of termination, a report ("Termination Report") describing in detail all Services performed, and the contract price earned, to and including the date of termination. The form, subject matter, content, and number of copies of the Termination

Report shall be identical to those of any Final Report described in the attached EXHIBIT A.

11. CONTRACTOR'S RELATION TO THE STATE. In the performance of this Agreement the Contractor is in all respects an independent contractor, and is neither an agent nor an employee of the State. Neither the Contractor nor any of its officers, employees, agents or members shall have authority to bind the State or receive any benefits, workers' compensation or other emoluments provided by the State to its employees.

12. ASSIGNMENT/DELEGATION/SUBCONTRACTS.

The Contractor shall not assign, or otherwise transfer any interest in this Agreement without the prior written consent of the N.H. Department of Administrative Services. None of the Services shall be subcontracted by the Contractor without the prior written consent of the State.

13. INDEMNIFICATION. The Contractor shall defend, indemnify and hold harmless the State, its officers and employees, from and against any and all losses suffered by the State, its officers and employees, and any and all claims, liabilities or penalties asserted against the State, its officers and employees, by or on behalf of any person, on account of, based or resulting from, arising out of (or which may be claimed to arise out of) the acts or omissions of the Contractor. Notwithstanding the foregoing, nothing herein contained shall be deemed to constitute a waiver of the sovereign immunity of the State, which immunity is hereby reserved to the State. This covenant in paragraph 13 shall survive the termination of this Agreement.

14. INSURANCE.

14.1 The Contractor shall, at its sole expense, obtain and maintain in force, and shall require any subcontractor or assignee to obtain and maintain in force, the following insurance:

14.1.1 comprehensive general liability insurance against all claims of bodily injury, death or property damage, in amounts of not less than \$250,000 per claim and \$2,000,000 per occurrence; and

14.1.2 fire and extended coverage insurance covering all property subject to subparagraph 9.2 herein, in an amount not less than 80% of the whole replacement value of the property.

14.2 The policies described in subparagraph 14.1 herein shall be on policy forms and endorsements approved for use in the State of New Hampshire by the N.H. Department of Insurance, and issued by insurers licensed in the State of New Hampshire.

14.3 The Contractor shall furnish to the Contracting Officer identified in block 1.9, or his or her successor, a certificate(s) of insurance for all insurance required under this Agreement. Contractor shall also furnish to the Contracting Officer identified in block 1.9, or his or her successor, certificate(s) of insurance for all renewal(s) of insurance required under this Agreement no later than fifteen (15) days prior to the expiration date of each of the insurance policies. The certificate(s) of insurance and any renewals thereof shall be

attached and are incorporated herein by reference. Each certificate(s) of insurance shall contain a clause requiring the insurer to endeavor to provide the Contracting Officer identified in block 1.9, or his or her successor, no less than ten (10) days prior written notice of cancellation or modification of the policy.

15. WORKERS' COMPENSATION.

15.1 By signing this agreement, the Contractor agrees, certifies and warrants that the Contractor is in compliance with or exempt from, the requirements of N.H. RSA chapter 281-A ("*Workers' Compensation*").

15.2 To the extent the Contractor is subject to the requirements of N.H. RSA chapter 281-A, Contractor shall maintain, and require any subcontractor or assignee to secure and maintain, payment of Workers' Compensation in connection with activities which the person proposes to undertake pursuant to this Agreement. Contractor shall furnish the Contracting Officer identified in block 1.9, or his or her successor, proof of Workers' Compensation in the manner described in N.H. RSA chapter 281-A and any applicable renewal(s) thereof, which shall be attached and are incorporated herein by reference. The State shall not be responsible for payment of any Workers' Compensation premiums or for any other claim or benefit for Contractor, or any subcontractor or employee of Contractor, which might arise under applicable State of New Hampshire Workers' Compensation laws in connection with the performance of the Services under this Agreement.

16. WAIVER OF BREACH. No failure by the State to enforce any provisions hereof after any Event of Default shall be deemed a waiver of its rights with regard to that Event of Default, or any subsequent Event of Default. No express failure to enforce any Event of Default shall be deemed a waiver of the right of the State to enforce each and all of the provisions hereof upon any further or other Event of Default on the part of the Contractor.

17. NOTICE. Any notice by a party hereto to the other party shall be deemed to have been duly delivered or given at the time of mailing by certified mail, postage prepaid, in a United States Post Office addressed to the parties at the addresses given in blocks 1.2 and 1.4, herein.

18. AMENDMENT. This Agreement may be amended, waived or discharged only by an instrument in writing signed by the parties hereto and only after approval of such amendment, waiver or discharge by the Governor and Executive Council of the State of New Hampshire.

19. CONSTRUCTION OF AGREEMENT AND TERMS.

This Agreement shall be construed in accordance with the laws of the State of New Hampshire, and is binding upon and inures to the benefit of the parties and their respective successors and assigns. The wording used in this Agreement is the wording chosen by the parties to express their mutual

intent, and no rule of construction shall be applied against or in favor of any party.

20. THIRD PARTIES. The parties hereto do not intend to benefit any third parties and this Agreement shall not be construed to confer any such benefit.

21. HEADINGS. The headings throughout the Agreement are for reference purposes only, and the words contained therein shall in no way be held to explain, modify, amplify or aid in the interpretation, construction or meaning of the provisions of this Agreement.

22. SPECIAL PROVISIONS. Additional provisions set forth in the attached EXHIBIT C are incorporated herein by reference.

23. SEVERABILITY. In the event any of the provisions of this Agreement are held by a court of competent jurisdiction to be contrary to any state or federal law, the remaining provisions of this Agreement will remain in full force and effect.

24. ENTIRE AGREEMENT. This Agreement, which may be executed in a number of counterparts, each of which shall be deemed an original, constitutes the entire Agreement and understanding between the parties, and supersedes all prior Agreements and understandings relating hereto.

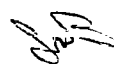
EXHIBIT-A

SECTION-1, Scope of Services

- 1) Provide all labor, hand and power tools, miscellaneous installation parts, minimal test equipment, and transportation, necessary to perform mobile radio installations at the Department's Bureau of Mechanical Services facility located at 33 Smokey Bear Boulevard, Concord, New Hampshire.

The Department's mobile radio models consist mainly of; Motorola Inc., XTL2500, Harris Incorporated -M7100, and a few M / A Com (formerly Ericsson Inc), Orion both high-powered and dash-mount types.

- 2) Contractor shall accept working hours of no earlier than 7:00 AM and no later than 3:30 PM Monday thru Friday, with the exception of State holidays unless some other mutually agreeable time and location are defined.
- 3) **On-site response** to requested services shall be as soon as possible but no greater than five (5) business days after request by the Department (weather and travel conditions permitting). Department shall issue work order numbers for all such requested work and contractor shall confirm schedule within 12- business hours of request.
- 4) Contractor shall retain and maintain in good repair a multi-meter, bi-directional analog wattmeter, and amp-meter. Analog Wattmeter shall be capable of measuring power at no less than three quarter (3/4) scale at the power and frequencies listed in TABLE-1 for inclusion in the calculation of antenna system Voltage Standing wave ratio (VSWR).
- 5) Contractor shall provide incidental installation supplies such as, but not limited to, tie wraps, wire loom, wire, electrical and mechanical fasteners, crimp type mini-UHF and TNC RF connectors, fuses, fuse holders rated and type excepted by the Department for the specific application.
- 6) Contractor shall adhere to the installation standards set forth in Section-2. These standards shall be revised as necessary to maintain a quality control during the Contract period.
- 7) To prevent work stoppage, Contractor shall report problems concerning mobile radio equipment and or Department provided antenna supplies to the Communication Supervisor, or their designee, as soon as possible. Contact information is listed in Section-3
- 8) Problems with the Department's vehicles and or facility shall be reported to the Fleet Manager or their designee immediately. Contact information is listed in Section-3
- 9) Provide for installation of a **trunk / remote mount** radio with accessories in a **light truck, car or van** at a cost per unit as specified in Exhibit-B, page-1
- 10) Provide for installation of a **dash-mount** radio with accessories in a **light truck, car, van, small tractor** at a cost per unit as specified in Exhibit-B, page-1
- 11) Provide for installation of a **dual-band remote mount** M / A Com radio(s) with accessories in a **car or light truck** at a cost per unit as specified in Exhibit-B, page-1
- 12) Provide for installation of a **remote mount** radio with accessories in a **3 -5 ton plow truck** at a cost per unit as specified in Exhibit-B, page-1


8-13-2013

- 13) Provide for installation of *two (2)* discrete and separate *remote mount* radios in the same *light truck, car or van*. Usually one UHF and one VHF
- 14) Provide for installation of a *dash-mount radio* with a 24-12-volt, DC to DC convertor, in a *loader, grader, or tractor*. cost per unit as specified in Exhibit-B, page-1
- 15) Provide for removal of a *trunk / remote mount* radio with accessories in a *light truck, car or van* at a cost per unit as specified in Exhibit-B, page-2
- 16) Provide for removal of a *dash-mount* radio with accessories in a *light truck, car or van* at a cost per unit as specified in Exhibit-B, page-2
- 17) Provide for removal of a *dual-band remote mount* radio(s) with accessories in a *car or light truck* at a cost per unit as specified in Exhibit-B, page-2
- 18) Provide for removal of a *remote mount* radio with accessories in a *3 -5 ton plow truck* at a cost per unit as specified in Exhibit-B, page-2
- 19) Provide for removal of a *dash-mount radio* with a 24-12-volt, DC to DC convertor, in a *loader, grader or tractor*. cost per unit as specified in Exhibit-B, page-2
- 20) Contractor shall be responsible for clearing Department provided work area(s) and vehicle(s) of debris generated as the result of the requested services. Department shall provide adequate disposal containers for waste storage and or recycling.
- 21) Contractor shall warranty workmanship for a period of no less than 180-days from completion of services.
- 22) Travel Allowances ~~to~~ and from Bureau of Mechanical Services, Concord or Bureau of Traffic, both located at Smokey Bear Boulevard, Concord NH shall not be invoiced.
- 23) The Department reserves the right to make additions or deletions to the Scope of Services as required by budgetary restraints, State or Federal regulation, and or unrealized requirements. Those changes shall be limited to those that do not require rate changes.
- 24) The Department requests that *bidders* for this contract provide the following information which is believed to be critical in the overall success of the Department's business relationship with the contractor. Items labeled FYI shall be required of the Successful bidder.
 - a. A brief profile of the bidders' employee(s) that would be charged with providing the services outlined Section-1. This information should include at a minimum, employees job title, experience, qualifications. Additionally, a profile should describe direct work experience related to mobile radios and or vehicle aftermarket equipment.
 - b. FYI -the contractor shall have all existing, and future, employees charged with installations services of Department equipment, initial a copy of the installation standards of Section-2.
 - c. FYI- successful Contractor shall be required to provide contact information for Company owner or general manger, installation technician(s) and accounts receivable person. This is not required however for a bid submittal.
- 24) Billing for services will be presented to the Department's bureaus as detailed in Exhibit-A, Section-5.

Section -2 Mobile Radio Installation Standards

I. General

- a) All work and craftsmanship shall conform to best accepted practices of; the 2-way radio industry, and recommendations of original manufacturer(s) of radio equipment & original manufacture(s) of the vehicles.
- b) These standards may be revised by either customer or contractor as needed to resolve unforeseen issues. Resolution shall be mutually agreeable.
- c) When removing mobile radios for Department vehicles, all aftermarket sharp pointed hardware for the attachment of equipment shall be properly disposed of and not stored in the vehicle or with the removed radio equipment.

II. Mounting

- a) The pre-existing mounting adaptor plate in a 3-5 ton truck currently used for mobile radio transceiver as well as other unrelated aftermarket equipment **shall** be used / reused in order to reduce the penetration of the vehicle cab.
- b) The roof top of a Kamatsu loader **shall not** be penetrated for the purposes of mounting a mobile radio antenna or for any other reason.
- c) The engine cowl on non-articulating bodies of heavy equipment should be looked to as a mounting location for base loaded antennae.
- d) Mounting location for control heads shall be chosen to maximize the operator view and not interfere with any other vehicle operations. No radio accessories shall be mounted on top of the dash board.
- e) Base loaded antennae shall be mounted in place compatible with the ground plane requirements for applicable fractional wavelength of particular antenna.
- f) Antenna shall be mounted in such a manner as to reduce the RF energy exposure to radio operator.
- d) In cases where roof or equipment racks prevent use of the optimum antenna mounting location, i.e. center of roof, an alternative mounting location should be closely coordinated with the operator of the vehicle.
- e) Ground plane-less antennae shall be used in cases where no fractional equivalent ground plain of suitable size exists on the vehicle mounting surfaces. The fractional equivalent should be equal to the mobile radio antenna model. i.e. ¼ wave, 5/8-wave at the frequency of operation.
- f) MOT antenna cable shall not be routed in front of side / head airbag systems in the headliner or doorframe area of pickup trucks, vans and or sedans.

III. Power and wiring

- a) The load bearing main, 12-volt, power connection with current draw of greater than 15-amperes for a radio transceiver shall be derived from the automobile battery.
- b) Main transceiver power connection shall be fused as close to power source as practical. i.e. less than 1-foot from battery.
- c) No equipment shall be electrically connected directly to the negative terminal of a vehicle battery.
- d) A suitable DC return ground point with a low resistance path to the fusible link that attaches to the negative terminal of the automobile battery shall be chosen. When necessary and in order to create that low resistance return path, paint and primer shall be removed from the vehicle's body and anti-oxidizes conductive grease shall applied to the connection and body.
- e) Multiple radios, dual band configurations, and or DC to DC converters shall be bonded to the same DC ground point that has been chosen in item-d.
- f) Trunk hinge hardware and spot-welded body panels shall be avoided as potential DC ground points.
- g) Switched ignition option of radio shall be employed. Power for this option shall be derived from a circuit that exhibits the following traits.
 - 1. Turns off when key is turned to the off position
 - 2. Turns on when the vehicle is placed in the accessory position
 - 3. Turns off during starting cycle of engine
 - 4. Turns on during normal operation of vehicle
- h) A yellow wire of equal gage of the OME wire shall always be used to indicate the switched ignition wire when extended, replaced, repaired or transitioned through a fuse holder.
- i) The Red wire designated (SWB +) of the Motorola shall always be attached to the vehicle battery. In cases where a power distribution panel is used, the SWB + lead shall only be placed at the *same* voltage terminal location as the high current, main DC power cable.
- j) Original vehicle manufactures circuits used for safety features of the vehicle shall not be used for the switched ignition radio option. i.e. airbag and antilock break circuits.

- k) Extra accessory wiring shall not be stored under vehicle carpeting or floor mats. Extra accessory cable or wire shall be coiled neatly and stored in such a manner as to not get pinched, crushed, slashed or tangled by or with items that shall be stored in the same location as the radio transceiver. i.e. road signs, chains, shovels, and the like. Wires under dash shall be stored in a manner that does not prohibit maintenance of the vehicle.
- l) In cases where 2-way radio antennae are mounted on a truck-lid of a sedan, bonding straps shall be installed between main body and the truck lid.
- m) 24-volt DC to DC converters shall provide switch ignition operation and shall derive the switch ignition voltage from the master switch or the load side of the main 24-volt solenoid.
- n) 24-volt DC to DC converts shall derive their main power from the (combined battery) 24-volt position on, or as close to, the battery as possible. i.e. OEM power distribution point intended to keep after market wiring off the battery terminals
- o) 24-volt DC to DC converters shall be fused as close to the 24-volt power source as practical.
- q) On Kamatsu loaders, a common electrical ground for both 2-way radio and the DC to DC converter shall be derived from the ground buss bar attached to and located behind batteries in the rear of the vehicle.
- r) See attachment for Kamatsu DC to DC converter installation guidance.

IV. Radio Removals from vehicles being de-commissioned

- a) Radio equipment shall be placed in a box provided by NHDOT. A note informing NHDOT of what vehicle the radio was removed from shall be attached to the equipment
- b) The MOT cable and brass threaded antenna coil mount may be abandoned in place to serve as a roof plug.
- c) Sharp pointed hardware used in the previous installation shall be properly disposed of and not stored with radio equipment.

SECTION-3 GENERAL CORRESPONDENCE & REQUIRED NOTIFICATIONS

I. Communications Supervisor:

- a) David S. Chase
- b) Communications Supervisor
- c) Bureau of Traffic, NHDOT, PO BOX 483, Concord NH 03301 -0483
- d) dchase@dot.state.nh.us
- e) 603-271-6862
- f) 603-419-9273

II. Equipment Superintendant

- a) James Lamora
- b) Superintendent of Equipment
- c) Bureau of Mechanical Services, NHDOT, PO BOX 483, Concord NH 03301 - 0483
- d) jlamora@dot.state.nh.us
- e) 603-271-1665
- f) 603-545-7122

III. Car Shop Foreman

- a) Murray Howlett
- b) Car Shop Foreman
- c) Bureau of Mechanical Services, NHDOT, PO BOX 483, Concord NH 03301 - 0483
- d) mhowlett@dot.state.nh.us
- e) 603-271-3611

IV. Truck Shop Foreman

- a) Dana Parker
- b) Truck Shop Foreman
- c) Bureau of Mechanical Services, NHDOT, PO BOX 483, Concord NH 03301 - 0483
- d) dparker@dot.state.nh.us
- e) 603-271-3614


8-13-2013

SECTION-4, Contractor Contact Information

I. Company owner, Alpine Mountain Electronics:

- g) John M. Bartolin
- h) President
- i) 31 Varney Road Center Barnstead, NH 03225
- j) e-mail, alpine@tds.net
- k) Cell Phone number 603-568-8507
- l) Office number 603-509-2963

II. Accounts Receivable:

- a) Benitta Bartolin
- b) Accounts Receivable
- c) 31 Varney Road Center Barnstead, NH 03225
- d) e-mail alpine@tds.net
- e) 603-509-2963

SECTION-5, Invoice and Billing Information

- 1) Invoices for all Bureaus with exception of Turnpikes shall be addressed as specified.

Mr. William Lambert
Bureau of Traffic, TMC
PO Box 483
Concord, NH 03302-0483

- 2) Invoices for Bureau of Turnpikes shall be addressed as specified.

Mr. John Corcoran
Bureau of Turnpikes
PO Box 2950
Concord, NH 03302-2950

- 3) Invoice(s) shall be mailed via US postal Service, or hand delivered to Bureau of Traffic, 18 Smokey Bear Boulevard, Concord NH no later than ten (10) business days after completed maintenance action. The NHDOT, TMC Program Manager shall make final determination of completed maintenance action, per work order (number).

4) No more than one (1) Contractor invoice shall be generated for one (1) corresponding NHDOT work order number. However multiple installations, removals or a combination of both may be combined onto a single invoice provided the meet the requirements of item # 6. There shall be no mixing of Bureau of Turnpike work request invoices with work outlined on invoices for all other Department Bureau vehicles. Work request from the Department shall clearly define what a Turnpike work request is.

5) Each invoice shall have a corresponding (Contractor) invoice number and date.

6) Each Invoice shall identify the Department work order number, a description of type of work performed, the rate charged, additional (requested) parts and materials that are being billed for, the plate-number of the vehicle the equipment was installed in, the State inventory number of the mobile radio and the Serial number of the mobile radio

7) Contractor shall establish a NET-30 terms for the Department

8) Successful vendor shall provide *accounts receivable* contact information as referenced in Section-4 that includes; name, title, mailing address, e-mail, and telephone number for mailing purposes and the resolution of all invoicing discrepancies.

EXHIBIT B

Installation Rates for Mobile Radios with Accessories (per unit)

Type of Vehicle	Type of Radio or Configuration	Estimated # of Units	Unit Cost	Annual Cost
Light Truck or Car	Trunk / Remote Mount	15	62.40	936.00
Light Truck or Car	Dash Mount	1	50.00	50.00
Light Truck or Car	Dual-Band / Remote	1	86.40	86.40
3-5 Ton Truck	Remote Mount	30	62.40	1872.00
Heavy Equipment 24-volt	Dash Mount	1	86.40	86.40
Light Truck or Car	2-Each Trunk / Remote Mount	1	124.80	124.80
Subtotal				3155.60

Accessories: Antennae, Standard Option Cables, DC Power Cables, External and / or Internal Speaker(s), and Microphone

[Signature]
8-13-2013

Mobile Radio Removal Rates (per unit)				
Vehicle Type	Radio type	Estimated Number of Units Per Year	Cost per Unit	Subtotal Annual Cost
Light Truck or Car	Trunk / Remote Mount	25	33.80	845.00
Light Truck or Car	Dash Mount	1	30.00	30.00
Light Truck or Car	Dual-Band / Remote	1	62.50	62.50
3-5 Ton Truck	Remote Mount	30	33.60	1008.00
Heavy Equipment 24-volt	Dash Mount	1	52.50	52.50
			Subtotal of Page 2 of 2	1998.00
			Enter Subtotal from Page 1 of 1	3,555.00
			TOTAL	5153.60

Add the two subtotal values, This is your Bid ▶

Accessories: Antennae, Standard Option Cables, DC Power Cables, External and / or Internal Speaker(s), and Microphone

Exhibit B- Page 2 of 2

The prices shown in Exhibit B – Page 2 of 2 are an annual cost.

This contract has a two (2) year period.

[Signature]
9-13-2013

EXHIBIT-C
SPECIAL PROVISIONS

Section 14 – Insurance and Bond

To include automobile insurance in an amount not less than \$100,000 per person and \$300,000 per accident (amend 14.1.1)

State of New Hampshire

Department of State

CERTIFICATE

I, William M. Gardner, Secretary of State of the State of New Hampshire, do hereby certify that Alpine Mountain Electronics is a New Hampshire trade name registered on January 4, 2010 and that Benitta D. Bartolin and John M. Bartolin, Jr. presently own(s) this trade name. I further certify that it is in good standing as far as this office is concerned, having paid the fees required by law.



In TESTIMONY WHEREOF, I hereto set my hand and cause to be affixed the Seal of the State of New Hampshire, this 2nd day of August, A.D. 2013

A handwritten signature in cursive script, appearing to read "William M. Gardner".

William M. Gardner
Secretary of State

ALPINE MOUNTAIN ELECTRONICS

31 Varney Rd.
Center Barnstead NH
03225

To whom it may concern;

Let it be known that as vice-president of this company, John M Bartolin Jr. has authority and responsibility to represent and negotiate, discuss and communicate with any and all companies regarding sales, products, deals, repairs, estimates or any such business matters pertaining to and for Alpine Mountain Electronics.

He is authorized, by me, to act in all matters related to entering agreements or contracts, accept or reject agreements, sign agreements or contracts and to act in whatever legal manner necessary to accomplish that which is being undertaken by this company.

He shall be in control of this authority and responsibility from 01 January, 2010, until which time this company, Alpine Mountain Electronics, is dissolved or forfeited.

Sincerely,



Benitta D. Bartolin
President, AME
31 Varney Rd.
Center Barnstead, NH 03225

603/509-2963 603/568-8507
alpinemt@tds.net

Client#: 57202

ALPIN

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

7/18/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Davis Towle Morrill & Everett 115 Airport Road P O Box 1260 Concord, NH 03302-1260		CONTACT NAME: PHONE (A/C, No, Ext): 603 225-6611 FAX (A/C, No): 603-225-7935 E-MAIL ADDRESS:	
		INSURER(S) AFFORDING COVERAGE	
		INSURER A: Peerless Insurance Co.	
		INSURER B:	
		INSURER C:	
		INSURER D:	
		INSURER E:	
		INSURER F:	

INSURED
Benitta & John Bartolin
dba Alpine Mountain Electronics
31 Varney Rd.,
Center Barnstead, NH 03225

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY ☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☒ PD Ded:500 GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC			CBP3104251	03/29/2013	03/29/2014	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$15,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ☐ NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB ☐ OCCUR EXCESS LIAB ☐ CLAIMS-MADE DED ☐ RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☐ Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				WC STATUTORY LIMITS ☐ OTHER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

The NH Department of Transportation is listed as additional insured when required by written contract.

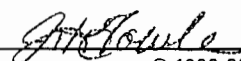
CERTIFICATE HOLDER

CANCELLATION

Department of Transportation
 18 Smokey Bear Blvd.
 Concord, NH 03301

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



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Binder of Insurance

Pending issuance and delivery of a policy pursuant to the application of the insured and to all the terms and conditions of the policy issued by the company the

State Farm Mutual Automobile Insurance Company

Does hereby insure: JOHN & BENITTA BARTOLIN
31 VARNEY RD
CTR BARNSTEAD, NH 03225-3360

with loss payable to: BROOKLINE BANK PO BOX 2130 WILLIAMSVILLE NY 14231

Year Make
2012 FORD TRANSIT CO VAN

Vehicle Identification Number (VIN)

Coverages

Liability
100/300/100

Comprehensive
\$100

Collision Ded
\$500

Effective October 02, 2013, expiring not to exceed thirty (30) days hence and to become void immediately upon the issuance of a policy in place hereof.

ANY PERSON WHO KNOWINGLY AND WITH INTENT TO DEFRAUD ANY INSURANCE COMPANY OR OTHER PERSON FILES AN APPLICATION FOR INSURANCE OR STATEMENT OF CLAIM CONTAINING ANY MATERIALLY FALSE INFORMATION OR CONCEALS FOR THE PURPOSE OF MISLEADING, INFORMATION CONCERNING ANY FACT MATERIAL THERETO COMMITS A FRAUDULENT INSURANCE ACT, WHICH IS A CRIME AND SUBJECTS SUCH PERSON TO CRIMINAL AND CIVIL PENALTIES.

Date 10-02-2013


Authorized Representative

Customer name: JOHN BARTOLIN
BENITTA BARTOLIN
Address: 31 VARNEY RD
CTR BARNSTEAD, NH 03225-
3360

Status: PAID IN FULL

Company: SF Mutual
Servicing Agent: RICH YACYSHYN
Eff date: 06-10-2013 to 12-10-2013
Description: 2012 FORD TRANSIT CO VAN
SFPP #: POLICY NOT ON SFPP

Coverage Details

The premium amounts shown reflect a six-month policy term.

Code	Description	Amount
A	Liability Coverage	
	Bodily Injury Limits	
	Each Person, Each Accident	
	\$100,000 \$300,000	
	Property Damage Limit	
	Each Accident	
	\$100,000	
C	Medical Payments Coverage	
	Limit - Each Person	
	\$10,000	
D	Comprehensive Coverage - \$100 Deductible	
G	Collision Coverage - \$500 Deductible	
H	Emergency Road Service Coverage	
U	Uninsured Motor Vehicle Coverage	
	Bodily Injury Limits	
	Each Person, Each Accident	
	\$100,000 \$300,000	
Total:		

Vehicle Details

Year: 2012
Make: FORD
Model: TRANSIT CO
Body Style: VAN
VIN: [REDACTED]

MSRP base: 0.00
MSRP additional equip: 0.00

Odometer Information

Odometer reading: 322
Odometer date: 09-2012

Vehicle Usage

Annual miles: 12,000
Use of vehicle: PLSR/WK/SCH

Discounts & Surcharges

Description
Discounts
Multiple Line - HOMEOWNERS
Safe Driver
Multicar
Vehicle Safety
Total Discount Amount: 212.60
Surcharges
NONE

Multiple Line Discount

Qualifying policy type: HOMEOWNERS

Endorsements

Number	Eff Date	End Date	Description
0021A			ORIGINAL COST OF CUSTOMIZATION

The information on this document is presented for general informational purposes only and is not intended to serve as a declaration page or policy.

State Farm Mutual Automobile Insurance Company, Bloomington, Illinois

ALPINE MOUNTAIN ELECTRONICS

31 Varney Rd.
Center Barnstead NH
03225

To Whom It May Concern;

In accordance with NH Department of Labor Laws,

Sole-proprietors, partners and self-employed persons are not required to carry workers' compensation on themselves but may elect to be covered, per RSA 281-A:3.

This, as stated, on the nh.gov/labor/laws website.

As we are a partnership, and self-employed, we are exempt from carrying Workers' Compensation Insurance.

Sincerely,



Benitta Bartolin
Alpine Mountain Electronics

603/509-2963 603/568-8507
alpinemt@tds.net

