



**SPECIAL NOTICE ABOUT PROCEDURES FOR THIS ELECTRONIC MEETING:**

**Pursuant to the Governor's Executive Order No. 7B, this meeting will be held remotely without in-person public access but will be live streamed on the Town Website [westportct.gov](http://westportct.gov) (on the website, select "How Do I" Heading, and select "Watch Town Meetings") and shown on Optimum Government Access Channel 79 and Frontier Channel 6020.**

**Comments to be read during the public comment period may be emailed to [BOFcomments@westportct.gov](mailto:BOFcomments@westportct.gov). We will use our best efforts to read public comments if they are received during the public comment period and if they state your full name and address. Meeting materials will be available at [westportct.gov](http://westportct.gov) along with the meeting notice posted on the Meeting List & Calendar page.**

**NOTICE OF BOF PUBLIC MEETING-REVISED**

The Board of Finance will hold its Public Meeting on **Wednesday, October 7, 2020 at 7:30 p.m. with remote participation** for the following purposes:

**AGENDA**

1. To approve the Board of Finance Minutes of the September 2, 2020 Meeting.
2. To review the 2021 Board of Finance Calendar. (Discussion Only)
3. Financial Report from the Finance Director. (Discussion Only)
4. Coleytown Middle School Status Update from Sheri Gordon. (Discussion Only)
5. Board of Education Facilities Update from the Chief Financial Officer. (Discussion Only)
6. Status Update from the Audit Manager. (Discussion Only)
7. Upon the request of the Town Attorney's office and in accordance with §C6-2 of the Town Charter, to recommend a lease between the Town of Westport and Phil Restieri for Town-Owned property located at 260 Compo Road South, Cabin #1.
8. Upon the request of the Fire Chief, to approve an appropriation in the amount of \$4,635,408.00 along with bond and note authorization to the Municipal Improvement Fund account #30502220-500320 to replace the Public Safety Radio System.
9. Upon the request of the Director of Public Works, to approve an appropriation of \$205,000.00 along with bond and note authorization to the Municipal Improvement Fund Account 30503310-500321 for COVID-19 and Security Upgrades for Town Hall re-opening.

10. Upon the request of the Director of Public Works, to approve an appropriation of \$80,000.00 along with bond and note authorization to the Municipal Improvement Fund Account 30503310-500322 for the design and permitting for rehabilitation of the Old Mill Walkway and Tide Gate Structures.
11. Upon the request of the Director of Public Works, to approve an appropriation of \$230,000.00 along with bond and note authorization to the Municipal Improvement Fund Account 30503310-500323 for construction costs for repairs and improvements to the Jesup Green Seawall.

*It is the policy of the Town of Westport that all Town-sponsored public meetings and events are accessible to people with disabilities. If you need assistance in participating in a meeting or event due to a disability as defined under the Americans with Disabilities Act, please contact Westport's ADA Coordinator at 203-341-1043 or [eflug@westportct.gov](mailto:eflug@westportct.gov) at least three (3) business days prior to the scheduled meeting or event to request an accommodation.*



**WESTPORT CONNECTICUT  
BOARD OF FINANCE**

***SPECIAL NOTICE ABOUT PROCEDURES FOR THIS ELECTRONIC MEETING:***

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**DRAFT MINUTES OF THE BOF PUBLIC MEETING**

The Board of Finance held its Public Meeting on **Wednesday, September 2, 2020 at 7:30 p.m. with remote participation** for the below purposes:

Board Attendees: Brian Stern, Andrea Moore, Nancie Dupier, Sheri Gordon, Jay DesMarteau, and Lee Caney. Jim Foster was absent.

**AGENDA**

1. Approved the Board of Finance Minutes of the August 12, 2020 and the August 19, 2020 Special Meetings. *Motion to Approve Jay DesMarteau, Second Nancie Dupier. Vote 6-0-0.*
2. Financial Report from the Finance Director. (Discussion Only) - *Gary Conrad presented.*
3. Coleytown Middle School Status Update from Sheri Gordon. (Discussion Only)  
*Sheri Gordon presented.*
4. Status Update from the Audit Manager. (Discussion Only) - *Lynn Scully presented.*
5. Upon the request of the Finance Director, to close the Fiscal Year 2019-20 by processing the list of transfers (attached) and incorporating these in the appropriation subsidiary ledger.  
*Motion to Approve Brian Stern, Second Sheri Gordon, Vote 6-0-0.*

6. Upon the request of the Superintendent of Schools, to approve an expenditure in the amount of \$150,000.00 from BOE Carryover Account for Protective Plexiglass Panels.  
***Motion to Approve Sheri Gordon, Second Jay DesMarteau. Vote 6-0-0.***
7. Upon the request of the Superintendent of Schools, to approve an expenditure in the amount of \$1,182,500.00 from the BOE Carryover Account for FY2020-2021 COVID-19 related year-to-date actual and anticipated near-term expenses.  
***Motion to Approve Jay DesMarteau, Second Brian Stern. Vote 6-0-0.***
8. Upon the request of the Director of Parks and Recreation, to approve an appropriation of \$310,000.00 along with bond and note authorization to the Municipal Improvement Fund Account 30508810-500316 to replace the field lights at the Greens Farms field.  
***Motion to Approve Andrea Moore, Second Nancie Dupier. Vote 6-0-0.***
9. Upon the request of the Director of Public Works, to approve an appropriation of \$150,000.00 along with bond and note authorization to the Municipal Improvement Fund Account 30503310-500317 for Power Redundancy and IT Security Upgrades at Town Hall and Parks and Recreation.  
***Motion to Approve Andrea Moore, Second Sheri Gordon. Vote For 5 (Dupier, Caney, Gordon, Moore, DesMarteau)-Against 1 (Stern). Motion passes 5-1-0.***
10. Upon the request of the Director of Public Works, to approve an appropriation of \$71,500.00 along with bond and note authorization to the Municipal Improvement Fund Account 30503310-500318 to design the replacement of underground fuel tanks, fuel system, and heating oil tanks at Parsell Public Works Center at 300 Sherwood Island Connector.  
***Motion to Approve Lee Caney, Second Sheri Gordon. Vote 6-0-0.***
11. Upon the request of the Director of Public Works, to approve an appropriation of \$278,000.00 along with bond and note authorization to the Municipal Improvement Fund Account 30503310-500319 for the Replacement of Heavy Equipment and Specialized Vehicles:
  - a. Requesting \$178,000.00 for the replacement of Truck #38 - F550 Plow Truck and Vehicle #44 - Kubota Mini-Excavator that are used together for culvert cleaning and excavation.
  - b. Requesting \$60,000.00 for the replacement of half of the Parsell Public Works Center, truck bay doors and waste oil storage shed.
  - c. Requesting \$40,000.00 for the replacement of the 40-year-old, non-functional Transfer Station Doors.***Motion to Approve Sheri Gordon, Second Nancie Dupier. Vote 6-0-0.***

*Motion to Adjourn - Sheri Gordon, Second Lee Caney. Vote 6-0-0.*

*Meeting Adjourned at 9:45pm.*

*Meeting notes respectfully submitted by Andrea Moore*

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**BOARD OF FINANCE SCHEDULE – 2021 CALENDAR (DRAFT)**

\*(UNLESS OTHERWISE NOTED, ALL MEETINGS BEGIN AT 7:30PM WITH REMOTE PARTICIPATION)

<b>MEETING DATE (WED)</b>	<b>MEETING DESCRIPTION</b>	<b>AGENDA DEADLINE</b>
Jan. 4, 2021 (MON)	BOARD OF EDUCATION MEETING (7:30 PM – REMOTE ACCESS) <i>Preliminary Budget Discussion with BOF</i>	
Jan. 6, 2021	REGULAR MEETING	Dec. 14, 2020
Jan. 13, 2021	SPECIAL MEETING (7:30 PM Remote Access) <i>Including discussion of expectations for the 2021-22 budget, Reserve Fund Review, Capital Plan Review, and Town and BOE Risk Analysis</i>	Dec. 21, 2020
Feb. 3, 2021	REGULAR MEETING ( <i>BOE 2<sup>nd</sup> QTR Financial Report</i> )	Jan. 18, 2021
Feb. 8, 2021 (MON)	BUDGET MEETING (6:30 PM) <i>Informal Workshop: Parks &amp; Recreation, Public Works, General Government, Pensions, Insurance, Miscellaneous, Transfers</i>	
Feb. 11, 2021 (THUR)	BUDGET MEETING (1:00 PM - 5:00 PM) <i>Informal Workshop: Library, Earthplace, Transportation, Health, Human Services, Police, Fire</i>	
Mar. 3, 2020	REGULAR MEETING <i>Selectman &amp; BOE Budget Presentations/Summary</i>	Feb. 15, 2021
Mar. 9, 2021 (TUE)	BUDGET MEETING (7:30 PM) <i>Formal Budget Meeting (Town, Railroad Parking, Sewer, &amp; Wakeman)</i>	
Mar. 10, 2021 (WED)	(If needed Mar. 11, 2020 budget meeting 7:30 PM)	
Mar. 11, 2021 (THUR)	BUDGET MEETING (7:30 PM) <i>Formal Budget Meeting (Board of Education)</i>	
Apr. 7, 2021	REGULAR MEETING <i>Budget Restorations/Final Recommendations</i>	Mar. 22, 2021
May 19, 2021	REGULAR MEETING <i>BOE 3<sup>rd</sup> QTR Financial Report/Set Tax Rate/Appoint Auditors</i>	May 3, 2021
June 2, 2021	REGULAR MEETING	May 17, 2021
July 7, 2021	REGULAR MEETING	June 21, 2021
Aug. 4, 2021	REGULAR MEETING ( <i>BOE 4th QTR Financial Report</i> )	July 19, 2021
Sept. 1, 2021	REGULAR MEETING	Aug. 16, 2021
Oct. 6, 2021	REGULAR MEETING	Sept. 20, 2021
Nov. 3, 2021	REGULAR MEETING ( <i>BOE 1st QTR Financial Report</i> )	Oct. 18, 2021
Dec. 1, 2021	REGULAR MEETING ( <i>Including Liability Review</i> )	Nov. 15, 2021
Jan. 5, 2022	REGULAR MEETING <i>Including discussion of expectations for the 2022-23 budget</i>	Dec. 13, 2021

**TOWN OF WESTPORT  
LEASE AGREEMENT**

**I. PARTIES**

This Lease made the \_\_\_ day of \_\_\_\_\_ 2020, between the Town of Westport, (hereinafter referred to as “Town”), and Phil Restieri (hereinafter referred to as “You”).

**II. PREMISES**

The Town of Westport has rented to You and You have rented from the Town the premises at 260 Compo Road South, Cabin 1, Westport, Connecticut, together with any fixtures and appliances contained therein (hereinafter the “Premises”).

You have examined the Premises and as of the date of this Lease, they are in good order and repair.

**III. TERM**

Unless earlier terminated, the term of this lease shall be for one year commencing November 1, 2020 and ending on October 31, 2021.

**IV. RENT; SCHEDULE OF PAYMENTS**

Commencing on November 1, 2020 (“Commencement Date”) and continuing through October 31, 2021, You agree to pay a monthly rent of One Thousand Four Hundred Dollars (\$1,400.00). Payment shall be made on or before the first day of every month during the term of the Lease. Payments shall be made at the Department of Parks and Recreation, 260 South Compo Road, Longshore Club Park, Westport, CT 06880.

**V. SECURITY DEPOSIT**

You have deposited with the Town the sum of One Thousand Four Hundred Dollars (\$1,400.00) as a security for the full performance by You of all of Your covenants and agreements in this Lease. Upon Your full compliance with the terms hereof, the security will be returned to You, together with interest thereon as required by law, after the termination of the Lease.

**VI. YOUR PROMISES AND OBLIGATIONS**

1. You shall pay the rent punctually without demand.
2. You shall pay all charges for all operating expenses and all utilities on the Premises, including but not limited to fuel, telephone, gas, electric service, and garbage removal.
3. You shall remove all garbage, dirt, ashes, refuse, and waste from the Premises. You shall be

responsible for snow removal.

4. You shall make no alterations in the Premises, including without limitation painting and wallpapering, without the Town's prior written approval. Any alterations and improvements built or placed on the Premises, except moveable personal property, shall be the property of the Town and, unless otherwise agreed to, shall remain on the Premises upon the expiration or termination of this Lease.
5. You shall not cause or permit any waste or injury to the Premises, nor to the fixtures, trees, shrubs, or appurtenances on the Premises.
6. You shall keep all furniture, fixtures, and appliances that are included in the Lease in good order and repair, and You shall, at Your own expense, make all repairs to any furniture, fixtures, or appliances resulting from your misuse or neglect. You shall also make all minor repairs to the Premises. A "minor repair" shall be defined as any single item of repair costing \$500.00 or less.
7. You shall comply with all laws of the State of Connecticut and any and all rules, ordinances and regulations of the Town, as may relate to the Premises. You shall be responsible for all fines, penalties, and costs for any actual or threatened violation of any such laws, rules, regulations, and ordinances.
8. You shall not assign this Lease nor sublet all or any part of the Premises, or transfer the use or possession of any fixture or appliance, without the Town's prior written consent. You shall not use or permit the Premises to be used except as a private residence. The Premises shall not be used for any hazardous activity or for the purpose of carrying on any business, profession, or trade of any kind.
9. The Premises shall be occupied by no more than two adult persons without the prior written consent of the First Selectman.
10. You shall not permit the Premises to remain unoccupied for more than 10 days at one time without prior notice to the Town and its written approval.
11. You shall permit the Town or its agents to show the Premises to persons wishing to rent or purchase same during the last 30 days of the term of this Lease.
12. You shall permit the Town or its agents to enter the Premises at reasonable times and upon reasonable notice, to inspect or make necessary repairs. You will not unreasonably deny the Town the right to enter the Premises. The Town or its agents may enter the Premises at any time in case of emergency.
13. Upon the termination of this Lease or Your occupancy of the Premises, You shall surrender the Premises and any fixtures, furnishings and appliances to the Town in as good condition as they were at the beginning of this Lease, reasonable use and wear thereof and damage by the elements excepted. The Premises shall be left clean and in good order at the termination of this Lease.

14. You shall keep all furniture, fixtures, and appliances that are included in the Lease in good order and repair, at Your own expense.
15. You agree to use the same oil company for oil delivery and care and maintenance of the heating system as the Town presently uses.
16. You agree to leave the oil tank full at the end of the Lease.
17. You agree to maintain, throughout the term of this Lease, personal liability insurance for the benefit of both You and the Town in the amount of \$300,000.00. Said policy shall name the Town of Westport as an additional insured. Said policy is also subject to prior approval of the Town. The Town may review and adjust insurance requirements periodically, and You will provide additional types and amounts of insurance as the Town may require upon written request at any time while this Lease is in effect.
18. You shall deliver to the Town a certificate of insurance prior to execution of this Lease and a new certificate upon the renewal of any insurance policy.

#### **VII. TOWN'S PROMISES AND OBLIGATIONS**

1. The Town represents that it has good right to Lease the Premises to You.
2. The Town shall deliver the Premises to You in good condition, with all appliances and systems in working order.
3. The Town shall permit You to use and occupy the Premises for the term of this Lease upon Your paying the rent and performing Your covenants and agreements.
4. If the Premises shall be partially damaged by fire or other causes (other than Your fault or negligence), the Town shall make the repairs as speedily as possible, at its expense. There shall be an abatement of rent for the time during which the Premises are damaged.
5. If the Premises are rendered unusable by fire or other casualty, You may vacate the Premises and terminate this Lease. If You decide to terminate the Lease, You must notify the Town in writing within 14 days after vacating that You are terminating the Lease. The Town shall then adjust the rent proportionately.

#### **VIII. ANIMALS**

No pets or animals of any kind shall be permitted on the Premises without the prior consent of the Town.

#### **IX. TERMINATION**

1. The Town shall have the right to terminate this Lease, if:



- (a) Any payment of rent shall remain due and unpaid for 15 days after it shall have become due and payable.
- (b) You fail to comply with any other covenant or agreement set forth herein within fifteen (15) days of receiving notice of Your failure to comply with such covenant or agreement.

2. If this Lease is terminated, the Town shall give You notice to quit possession or occupancy of the Premises.

3. If the Town waives any default by You, that will not affect the Town's rights upon a subsequent default.

4. If You are in default under this Lease and if the Town refers the matter to an attorney, You will pay the Town reasonable attorney fees. You will also pay the Town all of its other collection costs and expenses. You will also pay the Town reasonable attorney fees and court costs in the event of any holdover rental.

5. If the Town has the right to terminate this Lease, it may recover possession of the Premises in accordance with the laws of the State of Connecticut.

#### **XI. ABANDONMENT**

If at any time during the term of this Lease You abandon the Premises, the Town may, at its option, enter the leased Premises by any means without being liable for any prosecution for such entering, and without becoming liable to You for damages or for any payment of any kind whatever and may, at its discretion, as agent for You relet the leased Premises, or any part of the leased Premises, for the whole or any part of the then-unexpired term, and may receive and collect all rent payable by virtue of such reletting. The Town may hold You liable for any difference between the rent that would have been payable under this Lease during the balance of the unexpired term if this Lease had continued in force, and the net rent for such period realized by the Town by means of such reletting.

If the Town's right of re-entry is exercised following abandonment of the Premises by You, then Town may consider any personal property belonging to You and left on the Premises to also have been abandoned, in which case Town may dispose of all such personal property in any manner Town shall deem proper and is hereby relieved of all liability for doing so.

#### **XII. HOLDOVER BY YOU**

If You remain in possession of the Premises with the consent of the Town after the expiration of this Lease, a new tenancy from month-to-month shall be created between You and the Town which shall be subject to all the terms and conditions of this Lease Agreement, but which shall be terminated by 30 days' written notice served by either You or the Town on the other party.

#### **XIII. GENERAL**

1. This Lease may be enforced against both of Us, Our heirs, administrators, executors, successors and assigns.
2. You understand that the Town has prepared and presented to You this Lease in a good faith attempt to comply with Connecticut General Statutes Section 42-151, et seq., the so-called Plain Language Bill.
3. Notices may be sent to You at the address of the Premises. Notices may be sent to the Town at 110 Myrtle Avenue, Westport, CT 06880.

**XIV. INDEMNIFICATION**

You shall indemnify and save harmless the Town from any and all claims against the Town arising from any accident, injury, or damage whatsoever caused to any person or to the property of any person and occurring during the term of this Lease where such accident, injury or damage results, or is claimed to have resulted from any of Your acts, omissions or negligence or your agents, employees, invitees or visitors.

**XV. FAIR HOUSING POLICY**

The Town of Westport does not discriminate against any person in the leasing of any Town-owned premises because of race, creed, color, sex, national origin, ancestry, sexual orientation, marital status, age, lawful source of income, familial status, learning disability or physical or mental disability.

[SIGNATURES APPEAR ON THE FOLLOWING PAGE(S)]

IN WITNESS WHEREOF, the undersigned duly authorized representatives have set their hands and seals as of the \_\_\_\_\_ day of \_\_\_\_\_, 2020.

**WITNESSES:**

**TOWN OF WESTPORT**

\_\_\_\_\_  
\_\_\_\_\_

By: James S. Marpe  
First Selectman

**STATE OF CONNECTICUT)**

)

ss.

**TOWN OF WESTPORT**

**Date:** \_\_\_\_\_

**COUNTY OF FAIRFIELD )**

Personally appeared before me James S. Marpe as First Selectman of the Town of Westport, a Municipal Corporation, Signer and Sealer of the foregoing instrument, and he acknowledged that he is duly authorized, and he acknowledged the same to be his free act and deed and the free act and deed of the Town of Westport.

\_\_\_\_\_  
Commissioner of the Superior Court  
Notary Public  
My Commission Expires: \_\_\_\_\_

**WITNESSES:**

**PHIL RESTIERI, TENANT**

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_

**STATE OF CONNECTICUT)**

)

ss.

**TOWN OF WESTPORT**

**Date:** \_\_\_\_\_

**COUNTY OF FAIRFIELD )**

Personally appeared Phil Restieri, Signer and Sealer of the foregoing instrument, being duly authorized, he acknowledged the same to be his free act and deed, before me.

\_\_\_\_\_  
Commissioner of the Superior Court  
Notary Public  
My Commission Expires: \_\_\_\_\_

**LEASE TERM SHEET**  
**260 COMPO ROAD SOUTH, CABIN #1**

1. **LANDLORD:** Town of Westport
2. **TENANT:** Phil Restieri
3. **PROPERTY LOCATION:** 260 Compo Road South, Cabin #1
4. **RENT:** \$1,400/month
5. **TERM:** One year commencing November 1, 2020
6. **OPTION TO RENEW:** None
7. **SECURITY DEPOSIT:** \$1,400.00
8. **TOWN SERVICES REQUIRED:** Town is responsible for major maintenance and repair involving anticipated or actual costs in excess of \$500.

**DATE SCHEDULED FOR BOARD OF FINANCE AND BOARD OF SELECTMEN:** It is anticipated that this lease will be presented to the Board of Finance on October 7, 2020, and Board of Selectmen at its October 14, 2020, meeting.

Prepared By: Eileen Lavigne Flug, Assistant Town Attorney  
Date: August 24, 2020

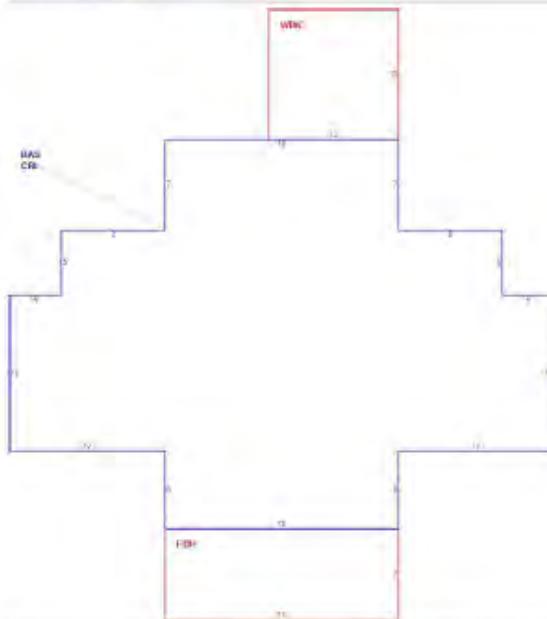
Year Built: 1973  
 Living Area: 908  
 Replacement Cost: \$138,298  
 Building Percent Good: 64  
 Replacement Cost  
 Less Depreciation: \$88,500

Building Attributes : Bldg 5 of 14	
Field	Description
Style	Ranch
Model	Residential
Grade:	C+
Stories:	1 Story
Occupancy	1
Exterior Wall 1	Clapboard
Exterior Wall 2	
Roof Structure:	Gable
Roof Cover	Asphalt Shingl
Interior Wall 1	Drywall
Interior Wall 2	
Interior Flr 1	Hardwood
Interior Flr 2	
Heat Fuel	Oil
Heat Type:	Hot Water
AC Type:	None
Total Bedrooms:	2 Bedrooms
Total Bthrms:	1 Full Bath
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Bath Style:	Average
Kitchen Style:	Average
Kitchens	1
Whirlpool Tubs	
Hot Tubs	
Sauna (SF Area)	
Fin Basement	
Fin Bsmt Qual	
Bsmt. Garages	
Interior Cond	A
Fireplaces	
Ceiling Height	
Elevator	
Sprinklers	
Acc Apts	
Userfd 300	
Userfd 301	

Building Photo



Building Layout



Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	908	908
CRL	Crawl Space	908	0
FOP	Porch, Open	126	0
WDC	Deck, Wood	100	0
		2,042	908

TO BE PROVIDED BY	ITEMS TO BE PROVIDED	RESPONSE
<b>TENANT (EXCEPT FOR RESIDENTIAL LEASES)</b>	1. Statement of public or economic benefits to the Town expected to be achieved through the lease or lease renewal. Public benefit means the provision of valuable services to the Town and/or residents that could not or would not be provided as efficiently without the lease, and could include, but is not limited to, facilitating local not for profits in their mission to serve the Westport community.	N/A (Residential)
	2. Tenant's current financial statements, audited financial statements or, if not available, tax return for the most recent fiscal year.	N/A (Residential)
	3. Statement detailing Tenant's proposed use of the premises. If residential, provide number of tenants. If services will be provided at the location, state the number of beneficiaries.	N/A (Residential)
<b>REAL PROPERTY COMMITTEE</b>	4. Alternative dispositions of the property. Provide an explanation of why lease of the property is preferable to alternatives, including sale, demolition or conversion to municipal purposes.	See attached report.
	5. If the proposed rent is below fair market value, provide an estimate of fair market rental value and explain why lower rent is being proposed. Note any special circumstances or attributes that may affect this particular property's sale or rental value (e.g., historic designation, deed restrictions, etc.).	See attached report.

<p><b>FIRE MARSHAL</b></p>	<p>6. Proof of a Fire Inspection within the last 60 days by the Westport Fire Marshal's office, and a copy of the State Compliance Certificate. Tenant shall provide access for Fire Inspection by the Westport Fire Marshal's Office as required by CGS 29-305. In the event the occupancy is a one or two family private dwelling, the Tenant shall provide full access annually for a fire safety inspection.</p>	<p>See attached report.</p>
<p><b>PUBLIC WORKS DEPT</b></p>	<p>7. Spreadsheet listing all property expenses, direct and indirect, including in kind services, in kind contributions, and capital investments, for the last three years. If Town funds have been used for expenses and/or capital improvements, specify the source of the funds by department. If town employees have provided services, estimate their value and include as expenses. If any expenses have been paid for by a Tenant, they should be included and so noted.</p>	<p>See attached report.</p>
	<p>8. List of capital/major maintenance projects that are anticipated to be needed over the next five years, stating source of funds, e.g., Town budget or capital maintenance funds.</p>	<p>Per Mike Frawley 9/10/20: "No capital projects are planned for the next 5 years."</p>
	<p>9. Proof of property inspection by the Westport Building Department and/or Public Works Department stating that one of the above officials has visited the property within the last 60 days and have found all structures to be in compliance with all applicable code requirements. Any exceptions should be noted, along with the inspector's estimate of the completion date of the work.</p>	<p>Per Mike Frawley 9/10/20: "The house has been inspected and found to be in good shape."</p>
	<p>10. If the property is on septic, provide proof that the septic tank is in working order and has been pumped out within the prior three years.</p>	<p>Per Mike Frawley 9/10/20: "The septic system was pumped and cleaned 3/4/2020."</p>

<b>FINANCE DEPT</b>	11. List of lease revenues to the Town from the subject property for the last 3 years.	From Sheila Carey 9/11/20: "Here are following total lease revenue for Cabin 1 for last 3 fiscal years:  FY18 \$15,412.00  FY19 \$14,333.00  FY20 \$12,587.50"
<b>TOWN ATTORNEY'S OFFICE</b>	12. Term Sheet summarizing major lease provisions (length, amount of rent, allocation of maintenance costs, etc.). In the case of a renewal, any changes should be highlighted.	See attached term sheet.
	13. Draft of Lease or Lease Renewal. Lease terms should be standardized to the extent possible. a. All leases should enable the Town to review and adjust insurance coverage levels periodically. b. To the extent possible, maintenance and utility costs should be Tenants' responsibility. In residential leases, maintenance and repair costs of up to \$500 shall be paid by the Tenant.	See attached draft lease.
	14. Compliance statement (renewals only). The Town Attorney, in consultation with the Finance Director and other relevant departments, should attest that Tenant is in compliance with all terms of the lease, or, if not, explain what steps are being taken to ensure compliance.	N/A (Not a renewal)
	15. Appraised value of the property. Provide the current assessor's field card for the property.	See attached field card.



# Work Order Summary List

Selected Date Range for Request Dates: 9/10/2017 - 9/10/2020 Order By Status, Location

WOID	Location	Bldg./Unit	Deferred By	Request Date	Target Completion Date	Labor Hours	Total Costs
Priority	Assigned To	Area Description	Reason	WO Age	Actual Completion Date		
Craft		Area Number	Deferred Until	Created Date/Time	Last Status Change Date		
Description			Action Taken				
Requester Name							

**Status: Closed Work Orders**

25166	Recreation	Longshore-Cabin 1		9/13/2017	9/15/2017		\$236.39
Medium	Outside Contractor			15	9/28/2017		
Contractor				9/13/2017	10/6/2017		
Yearly - Longshore-Oil Fired Furnace-(A) - Refer to PM schedule details.			PM service completed.	8:00:25 AM			
Michael Frawley							
25467	Recreation	Longshore-Cabin 1		10/18/2017	10/25/2017	0.5	\$45.84
High	Doug Meier	Bathroom		7	10/25/2017		
Facilities Maintenance		wall outlet		10/18/2017	10/25/2017		
The GFI outlet in bathroom keeps tripping. Dan Time Available: anytime			Replace GFI outlet	12:23:32 PM			
Dan Devito							
25468	Recreation	Longshore-Cabin 1		10/18/2017	10/25/2017	1	\$33.72
Low	Doug Meier	Apartment		7	10/25/2017		
Facilities Maintenance		back room		10/18/2017	10/25/2017		
The cover for the opening to crawl space is broken. Dan Time Available: anytime			Fabricate screen for opening	12:25:14 PM			
Dan Devito							
25506	Recreation	Longshore-Cabin 1		10/25/2017	10/25/2017	1	\$33.72
Medium	Doug Meier	Kitchen			10/25/2017		
Facilities Maintenance				10/25/2017	10/27/2017		
Remove old light fixture and replace with one provided by Tenant			Hang new light fixture	3:06:48 PM			
Karen Westergard							
25626	Recreation	Longshore-Cabin 1		11/2/2017	11/7/2017	3	\$135.69
High	William Drobish	Exit Door		1	11/3/2017		
Facilities Maintenance		Front door		11/2/2017	11/7/2017		
Can't open door door knob not working on front door			replaced lock set	8:35:33 AM			
Time Available: anytime							
Dan Devito							
25692	Recreation	Longshore-Cabin 1		11/12/2017	11/18/2017	1.05	\$36.06
Medium	William Halliwell			15	11/27/2017		
Facilities Maintenance				11/12/2017	11/27/2017		
Monthly - Gutter cleaning Longshore Cabin 1 - Refer to PM schedule details.			Cleared roof.....	1:53:17 AM			
Michael Frawley							
25766	Recreation	Longshore-Cabin 1		11/17/2017	11/22/2017	0.7	\$43.55
Medium	William Halliwell	1st Floor		4	11/21/2017		
Facilities Maintenance		bedroom		11/17/2017	11/22/2017		
Replace wall outlet in one of the bedrooms. Dan Time Available: anytime			Replaced outlet.	1:50:35 PM			
Dan Devito							

# Work Order Summary List

Selected Date Range for Request Dates: 9/10/2017 - 9/10/2020 Order By Status, Location

WOID	Location	Bldg./Unit	Deferred By	Request Date	Target Completion Date	Labor Hours	Total Costs
Priority	Assigned To	Area Description	Reason	WO Age	Actual Completion Date		
Craft		Area Number	Deferred Until	Created Date/Time	Last Status Change Date		
Description			Action Taken				
Requester Name							
25767	Recreation	Longshore-Cabin 1		11/17/2017	11/21/2017	2	\$191.73
High	Paul Byron	1st Floor		4	11/21/2017		
Facilities Maintenance		Smoke Detectors		11/17/2017	11/22/2017		
All of the smoke detectors are defective in the cabin they keep going off at different times of the day for no reason. Time Available: anytime				1:52:06 PM			
Replaced smoke detectors within cabin.							
Dan Devito							
25768	Recreation	Longshore-Cabin 1		11/17/2017	11/30/2017	4	\$191.51
Medium	William Halliwell	1st Floor		13	11/30/2017		
Facilities Maintenance		Dishwasher		11/17/2017	11/30/2017		
Dishwasher door is not closing Time Available: anytime				1:53:04 PM			
Found that Dishwasher latching handle is broken from machine is inoperable...New replacement is needed. 11/28/17 ordered latch and striker assembly , aitoro's striker 19.95 , latch,gasket 39.95 s/be in wed/thurs , they will call when it arrives 11/30/17 replaced striker , latch , gasket , checked to make sure unit powered up							
Dan Devito							
25812	Recreation	Longshore-Cabin 1		11/27/2017	11/28/2017	1.2	\$39.48
High	William Drobish	1st Floor		1	11/28/2017		
Facilities Maintenance		Front Door		11/27/2017	11/28/2017		
Front door Knob fell off the front door Time Available: anytime				8:28:59 AM			
re secured door knob							
Dan Devito							
25837	Recreation	Longshore-Cabin 1		11/28/2017	11/30/2017	2.5	\$97.42
Medium	William Drobish	Kitchen		2	11/30/2017		
Facilities Maintenance		Light over sink		11/28/2017	11/30/2017		
Light over kitchen sink isn't working Time Available: anytime				12:19:34 PM			
light working upon arrival, tenant will try replacing tube , we also repaired a damaged electrical outlet in the living room							
Dan Devito							
26224	Recreation	Longshore-Cabin 1		1/19/2018	1/22/2018	1	\$32.90
Low	William Halliwell	Bathroom		3	1/22/2018		
Facilities Maintenance		Toilet Bowl		1/19/2018	1/22/2018		
The toilet bowl in Cabin#1 bathroom is loose has to be tightened.Dan Time Available: anytime				8:38:50 AM			
Replace toilet flange in bathroom.							
Dan Devito							
26546	Recreation	Longshore-Cabin 1		2/28/2018	3/1/2018		\$216.67
Medium	Outside Contractor			37	4/6/2018		
Contractor				2/28/2018	4/12/2018		
Yearly - Longshore-Septic System-(A) - Refer to PM schedule details.				3:19:42 AM			
Annual septic system PM completed.							
Michael Frawley							
26735	Recreation	Longshore-Cabin 1		3/19/2018	3/19/2018		\$225.00
Low	Outside Contractor	Roof			3/19/2018		
Contractor		Toilet Bowl		3/26/2018	3/27/2018		
Roof leaking over east bathroom				8:07:58 AM			
Replace roof boot							
Michael Frawley							

# Work Order Summary List

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Craft		Area Number	Deferred Until	Created Date/Time	Last Status Change Date		
Description			Action Taken				
Requester Name							
26776	Recreation	Longshore-Cabin 1		3/30/2018	3/30/2018		\$572.00
Medium	Outside Contractor	Building Wide			3/30/2018		
Facilities Maintenance				3/30/2018	3/30/2018		
Annual treatment for termites				8:34:52 AM			
Michael Frawley			Annual treatment for termites				
27210	Recreation	Longshore-Cabin 1		5/13/2018	5/19/2018	0.75	\$20.53
Medium	William Halliwell			5	5/18/2018		
Facilities Maintenance				5/13/2018	5/21/2018		
Monthly - Gutter cleaning Longshore Cabin 1 - Refer to PM schedule details.				2:04:49 AM			
Michael Frawley			Cleaned Roof...				
27835	Recreation	Longshore-Cabin 1		7/30/2018	5/1/2019		\$30,426.35
Medium	Outside Contractor	Yard		309	6/4/2019		
Contractor				7/30/2018	6/17/2019		
Connect Cabin #1 to sanitary sewer line next to Admin office				3:10:29 PM			
Michael Frawley			Excavate and backfill a +/- 570' utility trench, lay 1 1/2 blue pipe, install and make custom manhole, restore area top soil, seed, hay and asphalt Pump septic multiple times to crush tank Install pump chamber and electrical conduit Site restoration topsoil, seed and hay in front of Admin Building and around cabin #1				
27990	Recreation	Longshore-Cabin 1		8/16/2018	8/16/2018		\$440.00
Medium	Outside Contractor	Roof			8/16/2018		
Contractor				8/16/2018	8/17/2018		
Pressure wash Roof				6:26:28 AM			
Michael Frawley			Pressure washing of the below listed structures to include siding and roofs as noted. Siding to be washed using a mild mildew remover and hot water. Asphalt roofs to be washed using the "Soft Wash" method.				
28013	Recreation	Longshore-Cabin 1		8/20/2018	8/20/2018	1.5	\$227.60
Medium	Outside Contractor	Exterior		8	8/28/2018		
Contractor		Bee Problem		8/20/2018	9/10/2018		
Bee nest on left side of cabin.				3:04:23 PM			
Michael Frawley			Sprayed and sealed opening of bees nest. Spray from stock.				
28241	Recreation	Longshore-Cabin 1		9/14/2018	9/15/2018		\$236.39
Medium	Outside Contractor			81	12/4/2018		
Contractor				9/14/2018	12/11/2018		
Yearly - Longshore-Oil Fired Furnace-(A) - Refer to PM schedule details.				1:53:31 AM			
Michael Frawley			PM completed.				
28453	Recreation	Longshore-Cabin 1		10/10/2018	12/21/2018	2	\$2,476.96
Low	Outside Contractor	Bathroom		72	12/21/2018		
Contractor		Celing		10/10/2018	2/19/2019		
wet ceiling in bathroom cabin#1 Time Available: anytime				12:53:11 PM			
Dan Devito			applied roof sealant to areas which looked like the were leaking. hopefully this was what was leaking check it out during next rain storm 10-18-18 tried to stop by to see how involved it would be to replaced the ceiling and wet wall of this bathroom, but could not get hold of the tenants. 10/25 contractor being called for repair Demo, sanitize, re-sheetrock, tape, paint and replace vanity				

# Work Order Summary List

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Craft		Area Number	Deferred Until	Created Date/Time	Last Status Change Date		
Description			Action Taken				
Requester Name							
28748	Recreation	Longshore-Cabin 1		11/11/2018	11/17/2018	1.3	\$45.59
Medium	William Halliwell			24	12/5/2018		
Facilities Maintenance				11/11/2018	12/5/2018		
Monthly - Gutter cleaning Longshore Cabin 1 - Refer to PM schedule details.			Cleared roof.	1:49:13 AM			
Michael Frawley							
28898	Recreation	Longshore-Cabin 1		11/27/2018	11/28/2018		\$7,800.00
Medium	Outside Contractor	Roof		3	11/30/2018		
Contractor				11/27/2018	9/10/2020		
Roof failing and leaking			Strip and replace entire roof	1:00:48 AM			
Michael Frawley							
29735	Recreation	Longshore-Cabin 1		3/6/2019	3/7/2019		\$250.00
Medium	Outside Contractor	Yard		26	4/1/2019		
Contractor				3/6/2019	9/10/2020		
Yearly - Longshore-Septic System-(A) - Refer to PM schedule details.			Pump and clean Septic 1300 gallons	9:39:09 PM			
Michael Frawley							
30361	Recreation	Longshore-Cabin 1		5/12/2019	5/18/2019	0.5	\$17.53
Medium	William Halliwell			23	6/4/2019		
Facilities Maintenance				5/12/2019	6/4/2019		
Monthly - Gutter cleaning Longshore Cabin 1 - Refer to PM schedule details.			Cleaned roof....	1:15:41 AM			
Michael Frawley							
30564	Recreation	Longshore-Cabin 1		6/4/2019	6/5/2019	0.35	\$11.52
Medium	William Frawley			1	6/5/2019		
Facilities Maintenance				6/4/2019	6/5/2019		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.			checked building	1:00:38 AM			
Michael Frawley							
30619	Recreation	Longshore-Cabin 1		6/11/2019	6/12/2019	0.35	\$13.03
Medium	Paul Byron			3	6/14/2019		
Facilities Maintenance				6/11/2019	6/17/2019		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.			Checked Building, Fuel oil tank at 5/8	12:52:09 AM			
Michael Frawley							
30664	Recreation	Longshore-Cabin 1		6/18/2019	6/19/2019	0.7	\$24.55
Medium	Paul Byron				6/18/2019		
Facilities Maintenance				6/18/2019	6/18/2019		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.			Checked Building and fuel oil at 5/8.	12:49:38 AM			
Michael Frawley							

# Work Order Summary List

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Priority	Assigned To	Area Description	Reason	WO Age	Actual Completion Date		
Craft		Area Number	Deferred Until	Created Date/Time	Last Status Change Date		
Description			Action Taken				
Requester Name							
30673	Recreation	Longshore-Cabin 1		6/18/2019	7/12/2019	95.1	\$6,029.45
Medium	William Halliwell	Building Wide		57	8/14/2019		
Facilities Maintenance				6/18/2019	8/14/2019		
Get cabin # 1 ready to rent				6:33:57 AM			
Michael Frawley			Removed cabinets in living rm. & patched all walls, repaired electrical switch within kitchen, sanded & started painting - left bedroom & main room. 6/25th Sanded & painted more of living room, right bedroom walls. 7/2nd Continue painting after sanding walls in main room. 7/3rd Painting walls, trim in kitchen, right bathroom and main room. 7/8th Work on both main bathroom tub/shower and kitchen cabinets. Replace carpet 7/15th Paint right side bathroom trim, clean and replace cabinet hardware. 7/16th Painting kitchen trim & caulking tub/shower. 7/18th Continue painting kitchen trim, repairing floor and bathroom door. 7/19th Finish painting rooms, new drain in left bathroom sink, repaired refrigerator's handle. 7/24th Rebuilt front lamp post, sand repaint & adjust kitchen cabinets, remove all wooden sheets in yard and discard. Complete cleaning of interior. clean front and back porch .				
30724	Recreation	Longshore-Cabin 1		6/25/2019	6/26/2019	0.7	\$24.55
Medium	William Halliwell				6/25/2019		
Facilities Maintenance				6/25/2019	6/26/2019		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.			Checked Building & fuel oil at 5/8	12:49:06 AM			
Michael Frawley							
30792	Recreation	Longshore-Cabin 1		7/2/2019	7/3/2019	0.25	\$8.70
Medium	Doug Meier			7	7/9/2019		
Facilities Maintenance				7/2/2019	7/10/2019		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.			Check bldg and property	12:54:02 AM			
Michael Frawley							
30860	Recreation	Longshore-Cabin 1		7/9/2019	7/10/2019	0.25	\$8.70
Medium	Doug Meier			2	7/11/2019		
Facilities Maintenance				7/9/2019	7/12/2019		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.			Ck Bldg and Grounds . Open for carpet installers at 10 AM	12:53:50 AM			
Michael Frawley							
30924	Recreation	Longshore-Cabin 1		7/16/2019	7/17/2019	0.5	\$17.67
Medium	William Halliwell			1	7/17/2019		
Facilities Maintenance				7/16/2019	7/17/2019		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.			Checked Building and fuel oil at 3/4	12:54:55 AM			
Michael Frawley							
30997	Recreation	Longshore-Cabin 1		7/23/2019	7/24/2019	0.7	\$24.73
Medium	Staff Maintenance			1	7/24/2019		
Facilities Maintenance				7/23/2019	7/24/2019		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.			Checked Building.....	12:55:36 AM			
Michael Frawley							

# Work Order Summary List

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Craft		Area Number	Deferred Until	Created Date/Time	Last Status Change Date		
Description			Action Taken				
Requester Name							
31057	Recreation	Longshore-Cabin 1		7/30/2019	7/31/2019	0.7	\$24.73
Medium	Paul Byron			1	7/31/2019		
Facilities Maintenance				7/30/2019	7/31/2019		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.			Checked Building and fuel tank at 5/8.	12:54:18 AM			
Michael Fraw ley							
31088	Recreation	Longshore-Cabin 1		8/1/2019	8/1/2019	0.5	\$16.58
Medium	William Halliwell	Kitchen			8/1/2019		
Facilities Maintenance				8/1/2019	8/2/2019		
Remove light fixture in kitchen area and replace with original			Remove and replace light fixture	3:12:55 PM			
Michael Fraw ley							
31139	Recreation	Longshore-Cabin 1		8/6/2019	8/7/2019	0.7	\$24.73
Medium	Paul Byron			1	8/7/2019		
Facilities Maintenance				8/6/2019	8/7/2019		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.			Checked Building.....	12:54:43 AM			
Michael Fraw ley							
31195	Recreation	Longshore-Cabin 1		8/13/2019	8/14/2019	0.35	\$11.61
Medium	William Halliwell				8/13/2019		
Facilities Maintenance				8/13/2019	8/14/2019		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.			Check oil and check for damage.	12:57:35 AM			
Michael Fraw ley							
31250	Recreation	Longshore-Cabin 1		8/20/2019	8/21/2019	0.25	\$8.70
Medium	Doug Meier			2	8/22/2019		
Facilities Maintenance				8/20/2019	8/23/2019		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.			ck property	1:24:39 AM			
Michael Fraw ley							
31312	Recreation	Longshore-Cabin 1		8/27/2019	8/28/2019	0.25	\$8.70
Medium	Doug Meier			1	8/28/2019		
Facilities Maintenance				8/27/2019	8/28/2019		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.			Check building and grounds.	1:02:34 AM			
Michael Fraw ley							
31374	Recreation	Longshore-Cabin 1		9/3/2019	9/4/2019	0.25	\$8.70
Medium	Doug Meier			2	9/5/2019		
Facilities Maintenance				9/3/2019	9/6/2019		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.			Check Building and Grounds. Furniture in cabin at this time.	1:17:25 AM			
Michael Fraw ley							

# Work Order Summary List

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Craft		Area Number	Deferred Until	Created Date/Time	Last Status Change Date		
Description			Action Taken				
Requester Name							
31498	Recreation	Longshore-Cabin 1		9/14/2019	9/15/2019		\$242.30
Medium	Outside Contractor	Closet Area		117	1/9/2020		
Contractor				9/14/2019	1/16/2020		
Yearly - Longshore-Oil Fired Furnace-(A) - Refer to PM schedule details.			Boiler PM completed.	12:34:23 AM			
Michael Frawley							
31854	Recreation	Longshore-Cabin 1		10/21/2019	11/18/2019		\$125.00
High	Outside Contractor	Building Wide		66	12/26/2019		
Contractor				10/28/2019	12/26/2019		
Mice seen in attic and main level			Treat complete cabin for mice	3:00:38 PM			
Michael Frawley							
31971	Recreation	Longshore-Cabin 1		11/3/2019	11/3/2019	28	\$1,297.82
Medium	William Frawley	Boiler Room		4	11/7/2019		
Facilities Maintenance				11/3/2019	11/27/2019		
no heat				2:29:53 PM			
Michael Frawley			went tried reset furnace fire ran rough and shut down. serviced unit new fuel filter removed and cleaned nozzle. still ran rough and shut down bled about two quarts of fuel no signs of water, went back to shop for a new nozzle we don't have any. tried cleaning the some more at the shop returned and install, bled some more fuel and furnace started to run better and stayed running. stayed to see it get up to temp. and watch it cycle again 11/4 found fuel leak from supply to gun connection, could not remedy 11/5 tried to add fitting to connection, still leaking, swapped this gun for the one at 72 s compo, swapped nozzles, replaced pump screen, adjusted as needed to make run smooth 11/7 made final adjustments, verified operation 11/22 picked up blast tube 11/25 replaced gun assembly 11/26 checked operation at 72				
32015	Recreation	Longshore-Cabin 1		11/7/2019	11/7/2019	1	\$58.14
High	William Frawley	Building Wide			11/7/2019		
Facilities Maintenance				11/7/2019	11/8/2019		
replace batteries in smoke detectors			replaced batteries	3:16:58 PM			
Michael Frawley							
32027	Recreation	Longshore-Cabin 1		11/10/2019	11/16/2019	0.9	\$31.80
Medium	William Halliwell			10	11/20/2019		
Facilities Maintenance				11/10/2019	11/21/2019		
Monthly - Gutter cleaning Longshore Cabin 1 - Refer to PM schedule details.			Cleared off roof debris & any gutters.	12:56:53 AM			
Michael Frawley							
32175	Recreation	Longshore-Cabin 1		11/25/2019	11/26/2019	2	\$129.57
Medium	Doug Meier	Kitchen		8	12/3/2019		
Facilities Maintenance		kitchen		11/25/2019	12/3/2019		
Oven in stove is not working				1:34:06 PM			
Michael Frawley			11/26 Checked oven switch and element for power. Element is found to be inoperative. 11/27 Ordered new element. 12/2 Pick up part in Norwalk. 12/3 Install and test.				

# Work Order Summary List

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Description			Action Taken				
Requester Name							
32452	Recreation	Longshore-Cabin 1		1/6/2020	1/6/2020	6	\$255.49
Medium	Paul Byron	Bathroom		1	1/7/2020		
Facilities Maintenance				1/6/2020	1/8/2020		
possible order of a dead animal in bathroom				7:38:35 AM			
Michael Frawley			1/6th made two attempts but no answer will try again. 1/7th Called tenant (John: 845-242-7020) Got permission to go in cabin, also was told to check fuel oil odor. found small amount of oil under burner, tightened loose fitting and cleaned oil. Checked in area of odor near water heater & shower. Placed air odor eliminator around water-heater & fill water in shower drain trap in unused restroom.				
32598	Recreation	Longshore-Cabin 1		1/24/2020	1/27/2020	3.5	\$123.67
Medium	Paul Byron	Exterior		3	1/27/2020		
Facilities Maintenance				1/24/2020	1/27/2020		
Complaint of water leaking outside of building & Remove old plumbing lines from exterior of Cabin.				2:46:09 PM			
Michael Frawley			Found water spraying from cracked pipe in front of cabin. 1/27th Removed discontinued plumbing from exterior of cabin.				
32601	Recreation	Longshore-Cabin 1		1/25/2020		0.7	\$24.73
Medium	William Halliwell	Roof		2	1/27/2020		
Facilities Maintenance		Cabin #1 Roof		1/25/2020	1/27/2020		
Check roof for possible rotted sheathing under shingles that was previously patched.				8:38:21 AM			
Michael Frawley			Checked/inspected previously patched section of roof, still good!				
32960	Recreation	Longshore-Cabin 1		3/4/2020	3/5/2020	0	\$223.00
Medium	Outside Contractor			35	4/8/2020		
Contractor				3/4/2020	9/10/2020		
Yearly - Longshore-Septic System-(A) - Refer to PM schedule details.				1:57:29 AM			
Michael Frawley			Annual septic pumping completed.				
33515	Recreation	Longshore-Cabin 1		5/10/2020	5/16/2020	0.7	\$25.35
Medium	William Halliwell			30	6/9/2020		
Facilities Maintenance				5/10/2020	6/11/2020		
Monthly - Gutter cleaning Longshore Cabin 1 - Refer to PM schedule details.				1:07:59 AM			
Michael Frawley			Cleared roof & gutters.				
34195	Recreation	Longshore-Cabin 1		8/5/2020	8/5/2020	1	\$50.00
Medium	Michael Frawley				8/5/2020		
Facilities Maintenance				8/5/2020	9/10/2020		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.				2:17:33 AM			
Michael Frawley			checked building overall appearance is in good shape maybe have the carpet cleaned and some lite touch up paint. fuel tank greater than 1/2 tank				
34237	Recreation	Longshore-Cabin 1		8/11/2020	8/12/2020	0.5	\$17.42
Medium	Doug Meier			2	8/13/2020		
Facilities Maintenance				8/11/2020	8/14/2020		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.				12:47:43 AM			
Michael Frawley			Check Building and Grounds. Oil Tank at 1/2. Closed all windows and locked.				



# Work Order Summary List

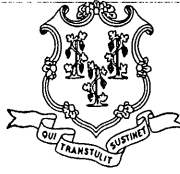
Selected Date Range for Request Dates:9/10/2017 - 9/10/2020 Order By Status, Location

WOID	Location	Bldg./Unit	Deferred By	Request Date	Target Completion Date	Labor Hours	Total Costs
Priority	Assigned To	Area Description	Reason	WO Age	Actual Completion Date		
Craft		Area Number	Deferred Until	Created Date/Time	Last Status Change Date		
Description			Action Taken				
Requester Name							
34276	Recreation	Longshore-Cabin 1		8/17/2020	8/27/2020	1	\$76.36
Medium	Doug Meier	Living Room		10	8/27/2020		
Facilities Maintenance				8/17/2020	8/27/2020		
Replace light switch for front porch light				2:30:18 PM			
Michael Frawley			Replace switch				
34277	Recreation	Longshore-Cabin 1		8/17/2020	8/27/2020	0.5	\$17.42
Medium	Doug Meier	Living Room		10	8/27/2020		
Facilities Maintenance				8/17/2020	8/27/2020		
Replace light front porch spot lights				2:30:45 PM			
Michael Frawley			Replace bulbs and aim. Bulbs are on WO#34276 for pricing. 2 Par 30 and one reg. LED				
34278	Recreation	Longshore-Cabin 1		8/17/2020	8/27/2020	0.5	\$17.42
Medium	Doug Meier	Building Wide		10	8/27/2020		
Facilities Maintenance				8/17/2020	8/27/2020		
Check batteries in bed room smoke detectors and kitchen carbon monoxide detectors				2:33:19 PM			
Michael Frawley			Replace all batteries and test				
34279	Recreation	Longshore-Cabin 1		8/17/2020	8/27/2020	15.5	\$635.79
Medium	Doug Meier	Building Wide		14	8/31/2020		
Facilities Maintenance				8/17/2020	9/1/2020		
Patch and touch up paint in living room, kitchen, bedrooms and bathrooms				2:35:35 PM			
Michael Frawley			Pick up supplies needed for painting and repairs. Patch all walls and ceiling as needed. Repair bedroom door, wood split by lock assembly. Replace Stricker. Prime all patches and prep for paint. Paint floor heating duct covers. 8/28 Pick up paint from RE 8/31 Paint living room and left bedroom complete.				
34294	Recreation	Longshore-Cabin 1		8/18/2020	8/19/2020	0.5	\$17.42
Medium	Doug Meier			1	8/19/2020		
Facilities Maintenance				8/18/2020	8/20/2020		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.				1:28:13 AM			
Michael Frawley			Check Building and Grounds				
34346	Recreation	Longshore-Cabin 1		8/25/2020	8/26/2020	0.5	\$17.42
Medium	Doug Meier			1	8/26/2020		
Facilities Maintenance				8/25/2020	8/27/2020		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.				1:31:38 AM			
Michael Frawley			Check Building and Grounds				
34399	Recreation	Longshore-Cabin 1		9/1/2020	9/2/2020	0.5	\$17.42
Medium	Doug Meier			2	9/3/2020		
Facilities Maintenance				9/1/2020	9/3/2020		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.				2:18:33 AM			
Michael Frawley			Check Building and Grounds				

# Work Order Summary List

Selected Date Range for Request Dates: 9/10/2017 - 9/10/2020 Order By Status, Location

WOID	Location	Bldg./Unit	Deferred By	Request Date	Target Completion Date	Labor Hours	Total Costs
Priority	Assigned To	Area Description	Reason	WO Age	Actual Completion Date		
Craft		Area Number	Deferred Until	Created Date/Time	Last Status Change Date		
Description			Action Taken				
Requester Name							
34463	Recreation	Longshore-Cabin 1		9/8/2020	9/9/2020	0.5	\$17.42
Medium	Doug Meier			1	9/9/2020		
Facilities Maintenance				9/8/2020	9/10/2020		
Weekly - Longshore Cabin 1-Building Insp-(W) - Refer to PM schedule details.			Check Building and Grounds	12:41:41 AM			
Michael Frawley							
34477	Recreation	Longshore-Cabin 1		8/31/2020	8/31/2020		\$350.00
Medium	Outside Contractor	Building Wide			8/31/2020		
Contractor				9/9/2020	9/9/2020		
Clean interior			Complete interior cleaning so building could be re-rented	7:16:39 AM			
Michael Frawley							
<b>Count: 63 Work Orders</b>		<b>Avg. Age of WO's 17</b>		<b>Total for Closed Work Orders</b>	<b>189.69999</b>	<b>\$54,110.26</b>	
<b>Count: 63 Work Orders</b>		<b>Avg. Age of WO's 17</b>		<b>Grand Total</b>	<b>189.699998</b>	<b>\$54,110.26</b>	



STATE OF CONNECTICUT  
INSPECTION CERTIFICATE

On (date) September 30, 2020, the (Town/City) Westport Office of the Fire Marshal conducted an inspection of (name of facility) Longshore Cabin #1 located at (address) 260 Compo Rd South in the City/Town of Westport to determine the degree of compliance with the fire safety requirements of Connecticut General Statutes Chapter 541 as authorized by Section 29-305 of the statutes. This facility was evaluated as a (new/existing) Existing (occupancy classification) Single Family Dwelling as classified by the *CONNECTICUT STATE FIRE SAFETY CODE*. As a result of this inspection, the following conditions were found:

- I.  At the time of inspection, no code violations were identified. **Certificate of approval recommended.**
- II.  At the time of inspection, conditions were discovered to be contrary to the minimum requirements of these codes. An acceptable plan of correction was submitted. (*See attached information*) **Certificate of approval recommended.**
- III.  At the time of inspection, conditions were discovered to be contrary to the minimum requirements of these codes. No approved plan of correction was submitted. (*See attached information*) **Certificate of approval NOT recommended.**
- IV.  Based on the extreme hazard to public safety discovered at the time of this inspection, this office is currently seeking an injunction from the court through our Town/City Attorney for the purpose of closing or restricting usage of this facility by the public. (*See attached information*) **Certificate of approval NOT recommended.**

Fire Marshal

September 30, 2020

Date

City or Town: Westport

From: Helen Garten <oaktop@optonline.net>  
Subject: Longshore Cabin 1  
Date: September 22, 2020 at 3:50:20 PM EDT  
To: Eileen Lavigne Flug <eflug@westportct.gov>

CAUTION: This email originated from outside of the Town of Westport's email system. Do not click links or open attachments unless you recognize the sender and know the content is safe.

The Real Property Committee met on Friday September 18, 2020 to address the following questions pursuant to the Board of Finance Policy on the Lease of Town Property.

1. Is lease preferable to alternatives, including demolition, sale or other municipal use?

Cabin 1 is located in the middle of Longshore Park, which is important recreational open space. Subdividing and selling the property would be difficult and would detract from the value of the park to Westporters. Demolition and/or reconstruction of the cabins have been discussed from time to time, but any such investment of resources should be part of a broader comprehensive plan for Longshore. In the meantime, using the cabins as an income producing rentals is the best short term solution. Since the lease is only for a year, the Town retains the flexibility to consider alternatives.

2. If the rental is not at fair market value, are there circumstances that justify the rental amount?

Rent for Cabin 1 was set by the Finance Department pursuant to a policy adopted by the Board of Selectmen in 2013 with the input of the Board of Finance. That policy continued the Town's long-standing commitment to offering rental opportunities to Town employees while charging "fair market" rent based on periodic third party appraisals of the properties as

adjusted yearly by CPI.

Committee members discussed whether the rental amount arrived at under the policy, which is based on a September 2019 appraisal and adjusted for inflation, reflects the unusual circumstances that have driven Westport's rental market in recent months. A review of properties for rent in Westport showed significant price inflation over the past six months, a product of the increased demand for rental opportunities in Westport during the pandemic. For example, a studio apartment originally advertised for \$1400 per month attracted multiple offers at \$1700 per month.

On the other hand, the condition and location of the cabin probably make it less attractive to renters than smaller but more centrally located and more modern units. Further, offering an essential Town employee the opportunity to live locally benefits the community.

Based on these factors, the Committee concluded that the rental amount is fair. The Committee does suggest, assuming demand for rentals remains strong into the winter, that the Finance Department obtain a new out of cycle appraisal of all residential rental properties to ensure that rental amounts reflect local price escalations that may not be captured by CPI.

Helen Garten  
Chair, Real Property Committee

Sent from my iPhone

Sent from my iPhone



**WESTPORT OFFICE OF EMERGENCY MANAGEMENT**  
**Administration (203) 341-5000**  
**Fax (203) 341-5009**  
**Robert E. Yost**  
**Chief of Department**



September 22, 2020

Honorable James S. Marpe, First Selectmen  
Town of Westport  
110 Myrtle Avenue  
Westport, Connecticut 06880

**Re: Town-Wide Trunked Radio System replacement**

Dear Mr. Marpe,

I am requesting approval of an appropriation of \$4,635,408 along with bond and note authorization to the Municipal Improvement Fund to be placed on the Board of Finance agenda for the meeting on October 7, 2020. This request is for the replacement of the town's public safety radio system that is no longer serviceable and unreliable. The most recent critical failures occurred during Tropical Storm Isaias and Memorial Day weekend when the Police Department had a missing kayaker and potential home burglary in progress.

Since 2016, we have had the replacement of the radio system on the 5-year capital forecast for \$9,000,000. We have the opportunity to be added to the Connecticut State Police system for nearly half the original budget and will provide us with nearly statewide radio coverage and enhance our mutual aid capabilities.

This appropriation request will immediately benefit Westport's Police, Fire, and EMS and allow future growth with the ability of other town departments to join the system as needed.

Respectfully Yours,

A handwritten signature in black ink, appearing to read "Robert E. Yost".

Robert E. Yost  
Fire Chief

Cc: Gary Conrad, Finance Director

515 Post Road E, Westport, CT 06880

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FISCAL YEAR 2020

# TOWN OF WESTPORT, CT

## JUSTIFICATION FOR A CAPITAL PROJECT

### DEPARTMENT INFORMATION

DEPT NAME: Emergency Management

Date: 9/22/20

### PROJECT NAME AND DESCRIPTION

Replace town wide trunked radio system including but not limited to: mobile radios, portable radios, radio recording system, console radios, and station alerting system.

IS IT LISTED IN THE 5-YR CAPITAL FORECAST?

YES  NO

If no, why not?

If yes, answer the following two questions:

Which FY was the project first proposed? 2016

Which FY was the project first planned? 2020

TOTAL COST IN CAPITAL PLAN: 9,000,000

IS PLAN ESTIMATE STILL ACCURATE?

YES  NO

IF NO, ENTER NEW ESTIMATED COST HERE: 4,214,008 + CONTINGENCY ( 10%) = 4,635,408  
(when applicable) NEW TOTAL ESTIMATE

### SOURCE OF FUNDS:

ARE THERE GRANT FUNDS AVAILABLE FOR THIS PROJECT?

CAPITAL BOND  GEN'L FUND  CNR  GRANT  STATE  OTHER

YES  NO   
EXPLAIN:

OTHER, DESCRIBE: \_\_\_\_\_

PAYBACK PERIOD (If applicable):

PROJECTED START DATE: asap

EST. COMPLETION DATE: 9 months

ESTIMATED USEFUL LIFE: 20 years

Is this project part of a larger capital project?

Has an RFP been issued?

YES  NO

Have bids been received?

YES  NO  Number of bids received: 1

Was the lowest bid the winner?

YES  NO  If not, why? \_\_\_\_\_

Who will benefit from the project?  
Fire Department, Police Department, EMS, and any other town department that will require a radio.

Has the Green Task Force been informed of this request? YES  NO

Is it a replacement? YES  NO  current radio system that is beyond service life and proving unreliable  
If yes, describe condition of what is to be replaced:

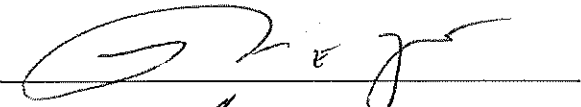
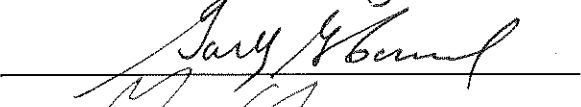
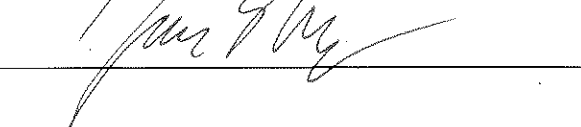
Pictures attached? YES  NO

What other approvals/reviews are necessary to begin this project? Please include anticipated dates.  
FCC and State of Connecticut

**FINANCE**

*This section to be completed by the Finance Director.*  
EFFECT ON TOWN FINANCES, INCLUDING DEBT SERVICE:  
IF APPROVED:  
IF NOT APPROVED:

**REVIEW/SIGN-OFF**

DEPARTMENT HEAD		DATE: 9/22/2020
FINANCE DIRECTOR		DATE: 9/22/2020
FIRST SELECTMAN		DATE: 9/22/2020



**From:** [Yost, Robert](#)  
**To:** [Mace, Michele](#)  
**Subject:** FW: Anticipated project totals  
**Date:** Monday, September 28, 2020 9:22:35 AM  
**Attachments:** [image001.png](#)

---

For the BOF radio system request

---

**From:** Cohen, Matthew <MCOHEN@westportct.gov>  
**Sent:** Sunday, September 20, 2020 9:49 PM  
**To:** Yost, Robert <RYOST@westportct.gov>; Kronick, Michael <MKRONICK@westportct.gov>  
**Subject:** Anticipated project totals

Motorola Project- \$3,736,008  
Recorder system, licensing, and support- \$113,000  
Station Alert Estimate all fire stations and EMS- \$325,000  
PM/Admin/Town responsibilities (as outlined in Motorola proposal)- \$40,000  
Sub-total- \$4,214,008  
10% Contingency-\$421,400

Total-\$4,635,408.00

Additional operating costs to be added to emergency management

Post Warranty Services

RF Site	Warranty	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 2-7 Total
Maint	Included	\$25,974.49	\$26,753.73	\$27,556.34	\$28,382.54	\$29,234.36	\$30,112.03	\$168,013.49
SUA II	NA	\$9,714.68	\$9,729.38	\$9,744.52	\$9,760.11	\$9,776.18	\$9,792.74	\$58,517.61
Total	Included	\$35,689.17	\$36,483.11	\$37,300.86	\$38,142.65	\$39,010.54	\$39,904.77	\$226,531.10

**Assistant Chief Matthew Cohen**

Westport Fire Department  
515 Post Road E, Westport, CT 06880  
P: 203.341.5044  
C: 203.509.4830  
F: 203.341.5016  
E: [mcohen@westportct.gov](mailto:mcohen@westportct.gov)

[Click for Online Communications Trouble Report](#)

“Get Important Alerts. Sign up at [www.nixle.com](http://www.nixle.com) or Text 06880 to 888777”



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# TOWN OF WESTPORT, CT STATE TIE-IN

WESTPORT RADIO SYSTEM PROJECT

SEPTEMBER 18, 2020

The design, technical, pricing, and other information ("Information") furnished with this submission is proprietary and/or trade secret information of Motorola Solutions, Inc. ("Motorola Solutions") and is submitted with the restriction that it is to be used for evaluation purposes only. To the fullest extent allowed by applicable law, the Information is not to be disclosed publicly or in any manner to anyone other than those required to evaluate the Information without the express written permission of Motorola Solutions.

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September 18, 2020

Assistant Chief Matthew Cohen  
Westport Fire Department  
515 Post Road E  
Westport, CT 06880

RE: Westport Radio System Project

Dear Assistant Chief Cohen:

Motorola Solutions, Inc., by and through its Government and Public Safety business is pleased to have the opportunity to provide the Town of Westport with a proposal for equipment, software and services. The Motorola Solutions project team has taken great care to propose a solution that will meet your needs and provide unsurpassed value.

Our proposal is based on utilizing the State of Connecticut P25 system. The proposed system will consist of adding one (1) 12-channel 700/800 MHz ASTRO 25 trunked simulcast remote site at Bayberry to the existing DESPP Troop G simulcast subsystem. The proposal also includes our APX series of subscriber radio equipment for Police, Fire, EMS, Park & Rec, town admin and BOE agencies, as well as optional dispatch consoles.

All equipment and services being offered in our estimate are consistent with the State of Connecticut's Master Contract #A-99-001 for Two-Way Radio Equipment, Contract #967-A-23-0338C. This proposal is valid for 90 days from the date on this cover letter and is subject to the terms and conditions of the State's Master Contract. If you have any questions, please contact Bob Prince, Senior Account Manager, at 203-799-1450.

We thank you for the opportunity to furnish the Town of Westport with "best in class" solutions and we hope to strengthen our relationship by implementing this project. Our goal is to provide you with the best products and services available in the communications industry. Motorola Solutions appreciates your interest in our company, products, and services.

Sincerely,



Roy Kirchner  
MSSSI Vice President



# TABLE OF CONTENTS

## Section 1

System Description .....	1-1
1.1 Introduction .....	1-1
1.2 Overview – Current System .....	1-1
1.3 Proposed Solution .....	1-1
1.4 Proposed Equipment.....	1-2
1.4.1 Master Site .....	1-2
1.4.2 ASTRO 25 Simulcast Remote Site.....	1-3
1.4.2.1 Wilton Simulcast Prime Site .....	1-3
1.4.2.2 Bayberry Lane Simulcast Remote Site.....	1-3
1.4.3 Project 25 (P25) User Radios.....	1-4
1.4.3.1 Fire Department.....	1-4
1.4.3.2 Police Department.....	1-7
1.4.3.3 EMS.....	1-11
1.4.3.4 Board of Education .....	1-14
1.4.3.5 Parks .....	1-14
1.4.3.6 Town Administration.....	1-15
1.4.3.7 Spares .....	1-15
1.4.4 Optional Dispatch Console Subsystem .....	1-18
1.4.4.1 Fire Department Headquarters.....	1-18
1.4.4.2 Police Department.....	1-19
1.5 System Block Diagrams .....	1-20

## Section 2

Statement of Work .....	2-1
2.1 Overview .....	2-1
2.2 Civil Work - Site Development.....	2-8
2.2.1 Site Development at Bayberry Lane Site .....	2-8

## Section 3

Acceptance Test Plans .....	3-1
3.1 Preliminary Functional Acceptance Test Plan.....	3-1
3.1.1 Wide Area Trunking – FDMA/TDMA Mixed Site .....	3-2
3.1.1.1 Talkgroup Call .....	3-2
3.1.1.2 Continuous Assignment Updating .....	3-3
3.1.1.3 Audio Interrupt / Interrupt Never Mode.....	3-4
3.1.2 Site Trunking - FDMA/TDMA Mixed Site.....	3-5
3.1.2.1 Site Trunking Indication .....	3-5
3.1.2.2 Talkgroup Call .....	3-6
3.1.2.3 Continuous Assignment Updating .....	3-7



3.1.2.4	Wide Area Recovery.....	3-8
3.1.3	Signoff Certificate.....	3-9
3.2	Coverage Acceptance Test Plan.....	3-11
3.2.1	Overview .....	3-11
3.2.2	CATP Definitions.....	3-11
3.2.2.1	Defined Test Area.....	3-11
3.2.2.2	Channel Performance Criterion (CPC).....	3-12
3.2.2.3	Reliability .....	3-12
3.2.2.4	Direction of Test .....	3-12
3.2.2.5	Equipment Configurations .....	3-12
3.2.2.6	In-Building Coverage .....	3-17
3.2.2.7	Outdoor Only Mobile Coverage.....	3-17
3.2.2.8	CPC Pass/Fail Criterion for a Test Tile.....	3-17
3.2.2.9	Required Number of Test Tiles in the Defined Test Area.....	3-18
3.2.2.10	Accessibility to Test Tiles .....	3-19
3.2.2.11	Random Selection of a Test Location in Each Tile.....	3-19
3.2.2.12	CPC Measurements in Each Tile .....	3-19
3.2.3	Responsibilities and Preparation.....	3-20
3.2.4	CATP Procedures .....	3-21
3.2.5	CATP Documentation and Coverage Acceptance .....	3-23
3.2.6	Coverage Maps.....	3-24

## Section 4

Warranty and Maintenance Plan.....	4-1
4.1 The Motorola Solutions Service Delivery Team .....	4-1
4.1.1 Account Services Manager .....	4-1
4.1.2 Motorola Solutions System Technologists .....	4-1
4.1.3 Motorola Solutions System Support Center .....	4-1
4.1.4 Motorola Solutions Local Service Provider.....	4-1
4.2 Warranty Services.....	4-2
4.2.1 Dispatch Service .....	4-2
4.2.2 OnSite Infrastructure Response .....	4-2
4.2.3 Network Preventative Maintenance.....	4-2
4.2.4 Infrastructure Repair.....	4-3
4.2.5 Technical Support Service .....	4-3
4.2.6 Network Monitoring Service .....	4-3
4.2.7 System Upgrade Agreement II (Required for CT DESPP Core Connected Equipment).....	4-4
4.3 Post Warranty Services.....	4-5
4.4 Summary.....	4-5

## Section 5

Pricing.....	5-1
5.1 Pricing Summary.....	5-1



5.2 Detailed State Contract Pricing .....5-3  
5.3 Payment Terms .....5-5

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SECTION 1

# SYSTEM DESCRIPTION

## 1.1 INTRODUCTION

The Town of Westport has requested a proposal to replace the existing Fire, Police and EMS conventional radio systems with a Project 25, standards-based Internet Protocol (IP) expansion to the existing CT Land Mobile Radio Network (CLMRN) Troop G simulcast subsystem to improve portable radio coverage within the Town of Westport jurisdictional area for Fire, Police and EMS users and enhance interoperability between other Local, State and Federal public safety agencies.

The Town of Westport has also requested the existing Fire, Police and EMS mobile and portable subscribers be replaced with APX Project 25 mobile and portable subscribers to provide mission critical voice communications with Westport public safety users and enhance interoperability between other Local, State and Federal public safety agencies.

## 1.2 OVERVIEW – CURRENT SYSTEM

The Town of Westport FD radio system currently consists of two (2) UHF conventional ASTRO digital channels. Each UHF channels utilizes two (2) transmit sites in a simulcast configuration and includes three (3) additional receive-only sites in a receiver voting configuration.

The Town of Westport PD radio system currently consists of two (2) 800 MHz conventional ASTRO digital channels. Each 800 MHz channel utilizes two (2) transmit sites in a simulcast configuration and includes four (4) additional receive only sites in a receiver voting configuration.

Westport EMS operates on a single VHF conventional analog channel.

Current FD dispatch operations are performed at Westport Fire Headquarters using a Motorola Solutions MCC 5500 dispatch console system. PD dispatch operations are performed at Westport Police Department also using a Motorola Solutions MCC 5500 dispatch console system.

A mixture of mobile and portable subscriber radios is used by the Town of Westport FD, PD, and EMS users.

The current Town of Westport radio systems do not provide sufficient portable radio coverage for the Town of Westport public safety use and does not provide seamless interoperability between other Local, State and Federal public safety agencies.

## 1.3 PROPOSED SOLUTION

Motorola Solutions, Inc. (hereinafter Motorola Solutions) has worked closely with both the Town of Westport and the State to create a design that maximizes coverage within the Town of Westport jurisdictional area while minimizing the overall cost. In these discussions, several key design elements became clear:

- Improve in-building coverage within the Town of Westport jurisdictional area.
- Provide increased user capacity and interagency interoperability.



- Eliminate recurring costs related to the existing conventional radio systems.
- Leverage existing radio communications assets including the communication site at Bayberry Lane.

To provide a solution which maximizes the portable radio coverage within the Town of Westport jurisdictional area, provides increased user capacity and provides interagency interoperability, Motorola Solutions' offered solution will expand and add to the existing CLMRN.

Motorola Solutions ASTRO 25 (APCO Project 25 compliant technology) is a trunked radio system that operates on IP (Internet Protocol) packet based architecture. The term "packet based" primarily references the capability of transporting digitized voice and data via IP packets through the system infrastructure. The Internet Protocol standard is utilized to establish a responsive connection between system components. Motorola Solutions ASTRO 25 is just one of the RF platforms that are supported in Motorola Solutions' packet switched IP backbone. This infrastructure uses the strength of IP to be able to implement any current or future RF IP-based technology, regardless of its "over-the-air" RF protocol.

A 12-channel 700/800 MHz ASTRO 25 simulcast remote site will be added to the existing CLMRN 8-site, 12-channel 700/800 MHz Troop G ASTRO 25 simulcast subsystem. The ASTRO 25 simulcast remote site will be located at the existing Westport Bayberry Lane communication site. The simulcast remote site equipment will be installed in the existing equipment shelter. A DC rectifier system will also be installed in the existing equipment shelter to provide backup power for the simulcast remote site equipment. The simulcast remote site antennas will be installed on the existing communications tower. A new microwave link into the existing CLMRN microwave network will be used for network backhaul to connect the simulcast remote site to the CLMRN Troop G ASTRO 25 simulcast subsystem.

Mobile and portable user radios will be added to the system to provide mission critical voice communications between the Westport Fire, Police and EMS users and Westport dispatch operators.

As an option, a three (3) position MCC 7500E IP-based dispatch console subsystem at Fire Department Headquarters and a three (3) position MCC 7500E IP-based dispatch console subsystem at the Police Department will be added to the existing CLMRN. The dispatch console subsystems will be installed in the existing FD HQ and PD dispatch centers, utilizing the existing dispatch furniture, equipment rooms and UPS backup power, providing mission critical voice communications with the Westport public safety users. The existing CPSSDN will be used for network backhaul to connect the dispatch console subsystem to the CLMRN ASTRO 25 Core.

## 1.4 PROPOSED EQUIPMENT

The following sections describe the equipment configurations, by site, that will be provided/upgraded as part of this proposal.

### 1.4.1 Master Site

All of the equipment at the CLMRN Master Sites and the Dynamic System Resilience (DSR) Master Sites has been provided as part of other upgrade procurements and is not included as part of this offering.

The following licenses will be added to the Master Site and the DSR Master Site:

- Classic data-P25 trunking site.

- Project 25 FDMA site.
- Project 25 Phase 2 TDMA trunking operation site.
- Project 25 Phase 2 TDMA base radio.
- Radio user.
- Group Services.
- G-Series P25 Multisite IP Base Repeater.

An Advanced Power Monitor license will be added to the Genesis GenWatch server.

The subscriber Radio Management (RM) licenses will be added to the RM server.

The subscriber Group Management and Presence licenses will be added to the Intelligent Middleware (IMW) server.

## 1.4.2 ASTRO 25 Simulcast Remote Site

An ASTRO 25 simulcast remote site will be added to the following site:

- Bayberry Lane.

The following sections list the equipment that will be provided/upgraded at the simulcast prime site and the proposed simulcast remote site.

### 1.4.2.1 Wilton Simulcast Prime Site

The Simulcast Prime Site components/elements currently exist. No additional Simulcast Prime Site components/elements are required.

The existing simulcast prime site components at the Wilton simulcast prime site will be upgraded and expanded to support the additional simulcast remote sites.

### 1.4.2.2 Bayberry Lane Simulcast Remote Site

The following equipment will be provided at the proposed simulcast remote site.

- An ASTRO 25 GTR 8000 ESS containing six (6) 700 MHz GTR 8000 base radios and RFDS equipment to support receive diversity.
- An ASTRO 25 GTR 8000 ESS containing six (6) 800 MHz GTR 8000 base radios and RFDS equipment to support receive diversity
- A Juniper SRX 345 Site Router and Firewall.
- An Aruba 2930F 24-port Remote Site LAN Switch.
- A TRAK 9100 Modular Frequency/Time System (MFTS) containing one (1) Digital Distribution Module (DDM).
- A MOSCAD SDM 3000 RTU.
- A transmit antenna network consisting of:
  - A dbSpectra DS7C09P36U-D 764-869 MHz, 8.8 dBd gain, omni-directional antenna.
  - An RFI APM7487K248 Advanced Power Monitor (APM).
- A diversity-receive antenna network consisting of:
  - Two (2) dbSpectra DS7C09P36U-D 764-869 MHz, 8.8 dBd gain, omni-directional antennas.
  - A TX/RX Systems 432F-83W-01-T Dual Diversity Tower Top Amplifier (TTA).
  - A TX/RX Systems 432F-83W-01-C-48 Dual Diversity TTA Control Unit (CU).

- An RFI PF7982-1018-31-N2 Dual 18 MHz Band Pass Receive Filter panel.
- An Aviat Networks 11GHz microwave network between the Bayberry Lane site and the DESPP Wilton site, connecting the proposed simulcast remote site to the CLMRN simulcast prime site consisting of:
  - Two (2) IRU600 indoor hot standby 11 GHz RF units.
  - Two (2) INUe Intelligent Node Units with Ethernet user interface modules.
  - Two (2) 3-foot ultra-high performance antennas and all associated mounting hardware.
  - Elliptical waveguide and all associated mounting hardware.
  - Dehydrator and associated manifold and tubing.
- An Eltek Trilogy -48V DC Power System with 8 hours of full-load runtime consisting of:
  - Seven (7) Flatpack2 HE rectifiers in a N+1 redundant configuration.
  - Smartpack 2 Controller.
  - Seven (7) 48VDC 190AH Battery Sets.
  - Twenty-four (24) position DC breaker panel.
  - Redundant 1500VA, 120VAC DC-AC Inverters.

### 1.4.3 Project 25 (P25) User Radios

The following is a brief description of the P25 user radios that will be provided for the Fire, Police and EMS users.

#### 1.4.3.1 Fire Department

Sixteen (16) APX 8500 All Band mobile radios will be provided. Each mobile radio will include the following options:

- Remote mount, mid power.
- E5 control head.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Standard seventeen (17) foot remote mount cable.
- Standard palm microphone.
- 15-watt water resistant speaker.
- 5-year essential service plan.
- Tri-Band roof mount antenna.

Eight (8) APX 8500 All Band mobile radios will be provided. Each mobile radio will include the following options:

- Remote mount, mid power.
- E5 control head.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- DVRS activation.
- Group Services.

- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Standard seventeen (17) foot remote mount cable.
- Standard palm microphone.
- 15-watt water resistant speaker.
- 5-year essential service plan.
- Tri-Band roof mount antenna.

Four (4) APX 8500 All Band mobile radios will be provided. Each mobile radio will include the following options:

- Dual Control Head Operation.
- Remote mount, mid power.
- Two (2) E5 control heads.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Thirty (30) foot remote mount cable.
- Fifty (50) foot remote mount cable.
- Two (2) Standard palm microphones.
- Two (2) 15-watt water resistant speakers.
- 5-year essential service plan.
- Tri-Band roof mount antenna.

Two (2) APX 8500 All Band mobile radios will be provided. Each mobile radio will include the following options:

- Dual Control Head Operation.
- Remote mount, mid power.
- Two (2) E5 control heads.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- DVRS activation.
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Thirty (30) foot remote mount cable.
- Fifty (50) foot remote mount cable.
- Two (2) Standard palm microphones.
- Two (2) 15-watt water resistant speakers.
- 5-year essential service plan.
- Tri-Band roof mount antenna.

Eight (8) Futurecom VRX1000 UHF Vehicle Radio Extenders will be provided. Each VRX1000 will include the following enhancements:

- APX 8500 remote-mount mobile integration.

- P25 Phase 1 operation.
- P25 enhanced trunking features (including end-to-end TDMA operation).
- P25 Encryption.
- APX 8500 dual triplexer relay filter kit.
- Y-control cable.
- ¼ wave roof mount antenna.
- 4-year extended warranty.

Two (2) Futurecom P25 UHF Digital Vehicle Repeater Systems (DVRS) will be provided. Each DVRS will include the following enhancements:

- APX 8500 remote-mount mobile integration.
- P25 enhanced trunking features, including Phase 1 operation, end-to-end TDMA operation and P25 Encryption.
- APX 8500 dual triplexer relay filter kit.
- ¼ wave roof mount antenna.
- 4-year extended warranty.

Sixty-eight (68) APX 8000 All Band Model 2.5 portable radios will be provided. Each portable radio will include the following options:

- XE rugged radio.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- DVRS activation.
- Group Services.
- Personnel Accountability.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- UL 2054 3400mAh Li-Ion IMPRES 2 battery.
- Standard all-band antenna.
- 5-year essential service plan.

The following portable radio accessories will be provided:

- Twelve (12) spare UL 2054 3400mAh Li-Ion IMPRES 2 batteries.
- Seventeen (17) single-unit IMPRES 2 desktop battery chargers.
- Eight (8) multi-unit IMPRES 2 battery chargers.
- Forty-eight (48) IMPRES vehicle battery chargers.
- Sixty-eight (68) black XE500 remote speaker microphones.
- Sixty-eight (68) leather carry cases with “D” rings and swivel belt loop.
- Sixty-eight (68) XL Fireman’s radio strap.

Five (5) APX 8500 All Band mobile radios will be provided for Fire Station Alerting. Each mobile radio will include the following options:

- Control station operation.
- Dash mount.
- Control station power supply.
- E5 control head.
- P25 9600 baud trunking operation.



- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Control station desk microphone.
- Control station speaker.
- 5-year essential service plan.
- Tri-Band control station antenna system including transmission line and connectors.

Seven (7) All Band APX Consolettes will be provided for backup and audio logging purposes. Each APX Consolette will include the following options:

- 7/800 MHz operation only.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Full front panel keypad/clock/VU.
- Control station desk microphone.
- AC line cord.
- 5-year essential service plan.
- APX Consolette rack mount kit.

#### 1.4.3.2 Police Department

One (1) APX 6500 7/800 MHz mobile radio will be provided. The mobile radio will include the following options:

- Dash mount.
- O2 control head.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Standard palm microphone.
- 15-watt water resistant speaker.
- 3 dB low-profile antenna w/low-loss cable.
- 5-year essential service plan.

Seven (7) APX 6500 7/800 MHz mobile radios will be provided. Each mobile radio will include the following options:

- Motorcycle configuration.
- Remote mount, mid power.
- O2 control head.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.

- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Standard seventeen (17) foot remote mount cable.
- Standard palm microphone.
- 7.5-watt auxiliary speaker.
- 3 dB low-profile antenna.
- 5-year essential service plan.

Thirty (30) APX 6500 7/800 MHz mobile radios will be provided. Each mobile radio will include the following options:

- Remote mount, mid power.
- O2 control head.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Standard seventeen (17) foot remote mount cable.
- Standard palm microphone.
- 15-watt water resistant speaker.
- 3 dB low-profile antenna w/low-loss cable.
- 5-year essential service plan.

Ten (10) APX 6500 7/800 MHz mobile radios will be provided. Each mobile radio will include the following options:

- Remote mount, mid power.
- O3 control head.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Standard seventeen (17) foot remote mount cable.
- 15-watt water resistant speaker.
- 3 dB low-profile antenna w/low-loss cable.
- 5-year essential service plan.

Five (5) APX 8500 All Band mobile radios will be provided. Each mobile radio will include the following options:

- Dash mount.
- O2 control head.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).

- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Standard palm microphone.
- 15-watt water resistant speaker.
- 5-year essential service plan.
- Tri Band roof mount antenna.

Twelve (12) APX 8500 All Band mobile radios will be provided. Each mobile radio will include the following options:

- Remote mount, mid power.
- O2 control head.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Standard seventeen (17) foot remote mount cable.
- Standard palm microphone.
- 15-watt water resistant speaker.
- 5-year essential service plan.
- Tri Band roof mount antenna.

Four (4) APX 8500 All Band mobile radios will be provided. Each mobile radio will include the following options:

- Remote mount, mid power.
- O3 control head.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Standard seventeen (17) foot remote mount cable.
- 15-watt water resistant speaker.
- 5-year essential service plan.
- Tri Band roof mount antenna.

Two (2) APX 8500 All Band mobile radios will be provided. Each mobile radio will include the following options:

- Dual Control Head Operation.
- Remote mount, mid power.
- Two (2) O2 control heads.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.



- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Two (2) thirty (30) foot remote mount cable.
- Two (2) Standard palm microphones.
- Two (2) 15-watt water resistant speakers.
- 5-year essential service plan.
- Tri-Band roof mount antenna.

Three (3) APX 8500 All Band mobile radios will be provided. Each mobile radio will include the following options:

- Dual Control Head Operation.
- Remote mount, mid power.
- Two (2) O2 control heads.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- DVRS activation.
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Two (2) thirty (30) foot remote mount cable.
- Two (2) Standard palm microphones.
- Two (2) 15-watt water resistant speakers.
- 5-year essential service plan.
- Tri-Band roof mount antenna.

Three (3) Futurecom VRX1000 7/800 MHz Vehicle Radio Extenders will be provided. Each VRX1000 will include the following enhancements:

- APX 8500 remote-mount mobile integration.
- P25 Phase 1 operation.
- P25 enhanced trunking features (including end-to-end TDMA operation).
- P25 Encryption.
- APX 8500 dual triplexer relay filter kit (NOTE: A 3 MHz frequency separation is required between the PSU and FNE frequencies.).
- Y-control cable.
- ¼ wave roof mount antenna.
- 4-year in-band extended warranty.

Seventy-eight (78) APX 6000 7/800 MHz Model 2.5 portable radios will be provided. Each portable radio will include the following options:

- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- DVRS Activation.
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- 3400mAh Li-Ion IMPRES 2 battery.

- Standard ½ wave dipole antenna.
- 5-year essential service plan.

Twelve (12) APX 8000 All Band Model 2.5 portable radios will be provided. Each portable radio will include the following options:

- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- DVRS Activation.
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Standard 3400mAh Li-Ion IMPRES 2 battery.
- Standard all-band antenna.
- 5-year essential service plan.

The following portable radio accessories will be provided:

- Twenty-four (24) spare 3400mAh Li-Ion IMPRES 2 batteries.
- Ninety (90) single-unit IMPRES 2 desktop battery chargers.
- Six (6) multi-unit IMPRES 2 battery chargers.
- Forty-eight (48) IMPRES vehicle battery chargers.
- Ninety (90) remote speaker microphones.
- Ninety (90) leather carry cases with “D” rings and swivel belt loop.

Six (6) All Band APX Consolettes will be provided for backup and audio logging purposes. Each APX Consolette will include the following options:

- 7/800 MHz operation only.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Full front panel keypad/clock/VU.
- Control station desk microphone.
- AC line cord.
- 5-year essential service plan.
- APX Consolette rack mount kit.

### 1.4.3.3 EMS

Six (6) APX 8500 All Band mobile radios will be provided. Each mobile radio will include the following options:

- Dash mount.
- O2 control head.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).

- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Standard palm microphone.
- 15-watt water resistant speaker.
- 5-year essential service plan.
- Tri Band roof mount antenna.

One (1) APX 8500 All Band mobile radio will be provided. The mobile radio will include the following options:

- Motorcycle configuration.
- Remote mount, mid power.
- O2 control head.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Standard seventeen (17) foot remote mount cable.
- Standard palm microphone.
- Auxiliary speaker.
- Weatherproof housing.
- Triplexer.
- 3 dB low-profile 7/800 MHz antenna.
- ¼ wave VHF antenna.
- ¼ wave UHF antenna.
- 5-year essential service plan.

Three (3) APX 8500 All Band mobile radios will be provided. Each mobile radio will include the following options:

- Dual Control Head Operation.
- Remote mount, mid power.
- Two (2) O2 control heads.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Two (2) thirty (30) foot remote mount cable.
- Two (2) Standard palm microphones.
- Two (2) 15-watt water resistant speakers.
- 5-year essential service plan.
- Tri-Band roof mount antenna.

Three (3) APX 8500 All Band mobile radios will be provided. Each mobile radio will include the following options:

- Dual Control Head Operation.
- Remote mount, mid power.
- Two (2) O2 control heads.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- DVRS activation.
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Two (2) thirty (30) foot remote mount cable.
- Two (2) Standard palm microphones.
- Two (2) 15-watt water resistant speakers.
- 5-year essential service plan.
- Tri-Band roof mount antenna.

One (1) APX 8500 All Band mobile radio will be provided. The mobile radio will include the following options:

- Remote mount, mid power.
- O3 control head.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Standard seventeen (17) foot remote mount cable.
- 15-watt water resistant speaker.
- 5-year essential service plan.
- Tri Band roof mount antenna.

Three (3) Futurecom VRX1000 7/800 MHz Vehicle Radio Extenders will be provided. Each VRX1000 will include the following enhancements:

- APX 8500 remote-mount mobile integration.
- P25 Phase 1 operation.
- P25 enhanced trunking features (including end-to-end TDMA operation).
- P25 Encryption.
- APX 8500 dual triplexer relay filter kit (NOTE: A 3 MHz frequency separation is required between the PSU and FNE frequencies.).
- Y-control cable.
- ¼ wave roof mount antenna.
- 4-year in-band extended warranty.



Twenty-eight (28) APX 8000 All Band Model 2.5 portable radios will be provided. Each portable radio will include the following options:

- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- DVRS Activation.
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Standard 3400mAh Li-Ion IMPRES 2 battery.
- Standard all-band antenna.
- 5-year essential service plan.

The following portable radio accessories will be provided:

- Twelve (12) single-unit IMPRES 2 desktop battery chargers.
- One (1) multi-unit IMPRES 2 battery charger.
- Eleven (11) IMPRES vehicle battery chargers.
- Twenty-seven (27) remote speaker microphones without channel select.
- One (1) remote speaker microphones with channel select.
- Eighteen (18) leather carry cases with “D” rings and swivel belt loop.

#### 1.4.3.4 Board of Education

Eight (8) APX 6000 7/800 MHz Model 2.5 portable radios will be provided. Each portable radio will include the following options:

- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Standard 2550mAh Li-Ion IMPRES 2 battery.
- Standard ½ wave dipole antenna.
- 5-year essential service plan.

The following portable radio accessories will be provided:

- Eight (8) single-unit IMPRES 2 desktop battery chargers.

#### 1.4.3.5 Parks

Four (4) APX 8000 All Band Model 2.5 portable radios will be provided. Each portable radio will include the following options:

- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.



- Standard 3400mAh Li-Ion IMPRES 2 battery.
- Standard all-band antenna.
- 5-year essential service plan.

The following portable radio accessories will be provided:

- Four (4) single-unit IMPRES 2 desktop battery chargers.

#### 1.4.3.6 Town Administration

Ten (10) APX 6000 7/800 MHz Model 2.5 portable radios will be provided. Each portable radio will include the following options:

- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- Standard 2550mAh Li-Ion IMPRES 2 battery.
- Standard ½ wave dipole antenna.
- 5-year essential service plan.

The following portable radio accessories will be provided:

- Ten (10) single-unit IMPRES 2 desktop battery chargers.

#### 1.4.3.7 Spares

One (1) APX 6500 7/800 MHz mobile radio will be provided. The mobile radio will include the following options:

- Dash mount.
- O2 control head.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- 5-year essential service plan.

One (1) APX 6500 7/800 MHz mobile radio will be provided. The mobile radio will include the following options:

- Motorcycle configuration.
- Remote mount, mid power.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.



- Over-the-air re-keying (OTAR) and Multikey.
- 5-year essential service plan.

Four (4) APX 6500 7/800 MHz mobile radios will be provided. Each mobile radio will include the following options:

- Remote mount, mid power.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- 5-year essential service plan.

Two (2) APX 8500 All Band mobile radios will be provided. Each mobile radio will include the following options:

- Dash mount.
- O2 control head.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- 5-year essential service plan.

One (1) APX 8500 All Band mobile radio will be provided. The mobile radio will include the following options:

- Dash mount.
- E5 control head.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- 5-year essential service plan.

One (1) APX 8500 All Band mobile radio will be provided. The mobile radio will include the following options:

- Motorcycle configuration.
- Remote mount, mid power.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- 5-year essential service plan.

One (1) APX 8500 All Band mobile radio will be provided. The mobile radio will include the following options:

- Remote mount, mid power.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- DVRS activation.
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- 5-year essential service plan.

Four (4) APX 8500 All Band mobile radios will be provided. Each mobile radio will include the following options:

- Remote mount, mid power.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- 5-year essential service plan.

The following spare mobile radio accessories will be provided:

- Eight (8) tri-band roof mount antenna.

Eight (8) APX 6000 7/800 MHz Model 2.5 portable radios will be provided. Each portable radio will include the following options:

- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- DVRS Activation.
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- 5-year essential service plan.

Four (4) APX 8000 All Band Model 2.5 portable radios will be provided. Each portable radio will include the following options:

- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- DVRS Activation.
- Group Services.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- 5-year essential service plan.

Seven (7) APX 8000 All Band Model 2.5 portable radios will be provided. Each portable radio will include the following options:

- XE rugged radio.
- P25 9600 baud trunking operation.
- Project 25 Phase 2 TDMA operation.
- Programming over P25 (OTAP).
- DVRS activation.
- Group Services.
- Personnel Accountability.
- AES Encryption.
- Over-the-air re-keying (OTAR) and Multikey.
- 5-year essential service plan.

The following spare portable radio accessories will be provided:

- Nine (9) APX 8000 remote speaker microphones.
- Ten (10) APX 8000 leather carry cases with “D” rings and swivel belt loop.
- Three (3) APX 8000 remote speaker microphones without channel select.
- Seven (7) black XE500 remote speaker microphones.
- Seven (7) APX 8000XE leather carry cases with “D” rings and swivel belt loop.
- Seven (7) XL Fireman’s radio strap.

## 1.4.4 Optional Dispatch Console Subsystem

An MCC 7500E IP-based dispatch console subsystem will be added at the following sites:

- Fire Department Headquarters.
- Police Department.

The following sections list the equipment that will be provided at the proposed dispatch sites.

### 1.4.4.1 Fire Department Headquarters

#### Equipment Room

The following equipment will be provided in the equipment room at the proposed dispatch site.

- Two (2) Juniper SRX 345 Site Router and Firewalls.
- Two (2) Aruba 2930F 24-port Dispatch Site LAN Switches.
- A GCP 8000 Conventional Site Controller (CSC).
- Four (4) GGM 8000 Enhanced High-Density (8 Port) Conventional Channel Gateways (CCGW).
- An SDM 3000 Aux I/O server and an expansion Aux I/O server.

#### Dispatch Center

The following equipment will be provided in the dispatch center at the proposed dispatch site.

- Three (3) dispatch console operator positions. Each dispatch console operator position will include the following:
  - An HP Z2-Mini workstation.
  - Windows® 10 operating system.

- Redundant Ethernet port.
- Standard keyboard.
- Mouse.
- Each dispatch console operator position workstation will be configured for:
  - On hundred sixty (160) radio resources.
  - Basic console operation.
  - ASTRO 25 trunking operation.
  - Advanced conventional operation.
  - Secure operation.
  - ADP/AES/DES-OFB encryption.
  - Over-the-Ethernet encryption rekeying (OTEK).
  - Enhanced integrated recall recorder (IRR).
- Each dispatch console operator position will include the following accessories:
  - One (1) 22-inch LCD non-touchscreen monitor.
  - One (1) Audio interface module (AIM).
  - Two (2) 7-port USB Hubs.
  - Four (4) USB desktop speakers.
  - One (1) MCC series desktop gooseneck microphone.
  - One (1) MCC series dual pedal footswitch.
  - Two (2) MCC series headset jacks.

#### 1.4.4.2 Police Department

##### **Equipment Room**

The following equipment will be provided in the equipment room at the proposed dispatch site.

- Two (2) Juniper SRX 345 Site Router and Firewalls.
- Two (2) Aruba 2930F 24-port Dispatch Site LAN Switches.
- A GCP 8000 Conventional Site Controller (CSC).
- Four (4) GGM 8000 Enhanced High-Density (8 Port) Conventional Channel Gateways (CCGW).
- An SDM 3000 Aux I/O server and two (2) expansion Aux I/O servers.

##### **Dispatch Center**

The following equipment will be provided in the dispatch center at the proposed dispatch site.

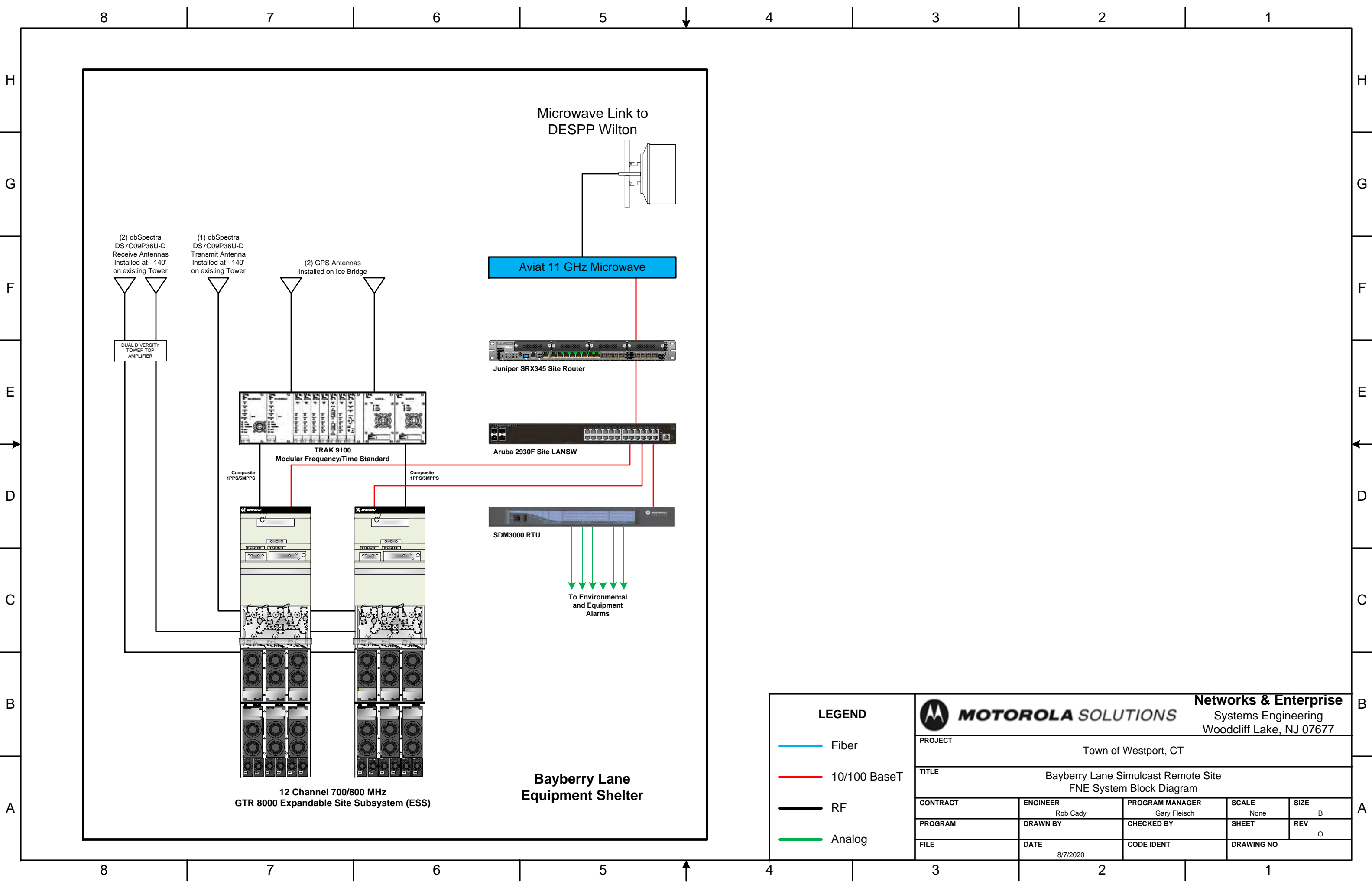
- Three (3) dispatch console operator positions. Each dispatch console operator position will include the following:
  - An HP Z2-Mini workstation.
  - Windows® 10 operating system.
  - Redundant Ethernet port.
  - Standard keyboard.
  - Mouse.
- Each dispatch console operator position workstation will be configured for:
  - On hundred sixty (160) radio resources.
  - Basic console operation.
  - ASTRO 25 trunking operation.
  - Advanced conventional operation.
  - Secure operation.



- ADP/AES/DES-OFB encryption.
- Over-the-Ethernet encryption rekeying (OTEK).
- Enhanced integrated recall recorder (IRR).
- Each dispatch console operator position will include the following accessories:
  - One (1) 22-inch LCD non-touchscreen monitor.
  - One (1) Audio interface module (AIM).
  - Two (2) 7-port USB Hubs.
  - Four (4) USB desktop speakers.
  - One (1) MCC series desktop gooseneck microphone.
  - One (1) MCC series dual pedal footswitch.
  - Two (2) MCC series headset jacks.

## 1.5 SYSTEM BLOCK DIAGRAMS

The following drawing shows a system block diagram of the proposed equipment in the Bayberry Lane simulcast remote site.



8 7 6 5 4 3 2 1

H G F E D C B A

(2) dbSpectra DS7C09P36U-D Receive Antennas Installed at ~140' on existing Tower

(1) dbSpectra DS7C09P36U-D Transmit Antenna Installed at ~140' on existing Tower

(2) GPS Antennas Installed on Ice Bridge

Microwave Link to DESPP Wilton

Aviat 11 GHz Microwave

Juniper SRX345 Site Router

Aruba 2930F Site LAN Switch

TRAK 9100 Modular Frequency/Time Standard

SDM3000 RTU

To Environmental and Equipment Alarms

Composite 1PPS/5MPPS

Composite 1PPS/5MPPS

12 Channel 700/800 MHz GTR 8000 Expandable Site Subsystem (ESS)

Bayberry Lane Equipment Shelter

**LEGEND**

- Fiber
- 10/100 BaseT
- RF
- Analog

<b>Networks &amp; Enterprise</b>				
Systems Engineering Woodcliff Lake, NJ 07677				
PROJECT: Town of Westport, CT				
TITLE: Bayberry Lane Simulcast Remote Site FNE System Block Diagram				
CONTRACT	ENGINEER: Rob Cady	PROGRAM MANAGER: Gary Fleisch	SCALE: None	SIZE: B
PROGRAM	DRAWN BY	CHECKED BY	SHEET	REV: 0
FILE	DATE: 8/7/2020	CODE IDENT	DRAWING NO	

8 7 6 5 4 3 2 1

H G F E D C B A





SECTION 2

# STATEMENT OF WORK

## 2.1 OVERVIEW

This Statement of Work (SOW) describes the deliverables to be furnished to the Town of Westport (the Town of Westport) and CT Department of Emergency Services and Public Protection (DESPP). The tasks described herein will be performed by Motorola Solutions, its subcontractors, DESPP, and the Town of Westport to implement the solution described in the System Description. It describes the actual work involved in installation, identifies the installation standards to be followed, and clarifies the responsibilities for Motorola Solutions, DESPP, and the Town of Westport during the project implementation. Specifically, this SOW provides:

- A description of the responsibilities for Motorola Solutions, DESPP, and the Town of Westport.
- The assumptions taken into consideration during the development of this project.

This SOW provides the most current understanding of the work required by all parties to ensure a successful project implementation. In particular, Motorola Solutions has made assumptions of the sites to be used for the new system. Should any of the sites change, a revision to the SOW and associated pricing will be required. It is understood that this SOW is a working document, and that it will be revised as needed to incorporate any changes associated with contract negotiations, and any other change orders that may occur during the execution of the project.

Motorola Solutions will install and configure the proposed equipment. Table 2-1 describes the tasks involved with installation and configuration.

**Table 2-1: Installation Tasks**

Tasks	Motorola Solutions	Town of Westport	DESPP
<b>PROJECT INITIATION</b>			
<b>Contract Finalization and Team Creation</b>			
Execute contract and distribute contract documents.	X	X	
Assign a Project Manager as a single point of contact.	X	X	X
Assign resources.	X	X	X
Schedule project kickoff meeting.	X	X	X
Deliverable: Signed contract, defined project team, and scheduled project kickoff meeting.			
<b>Project Kickoff</b>			
Introduce team, review roles, and decision authority.	X	X	X
Present project scope and objectives.	X		
Review SOW responsibilities and project schedule.	X	X	X
Schedule Design Review.	X	X	X
Deliverable: Completed project kickoff and scheduled Design Review.			
<b>Design Review</b>			
Present the system design and operational requirements for the solution.	X		



Tasks	Motorola Solutions	Town of Westport	DESPP
Present installation plan.	X		
Present preliminary cutover plan and methods to document final cutover process (as required).	X		
Present configuration and details of site required by system design.	X		
Validate that Customer site can accommodate proposed equipment.	X	X	
Provide approvals required to add equipment to proposed existing site.		X	
Review safety, security, and site access procedures.	X		
Present equipment layout plans and system design drawings.	X		
Provide heat load and power requirements for new equipment.	X		
Provide information on existing system interfaces.		X	X
Complete the required forms required for frequency coordination and licensing.		X	X
Pay for frequency coordination costs.	X		
Assume liability and responsibility for providing all necessary Motorola Solutions' requested information for complete installation.		X	
Assume responsibility for issues outside of Motorola Solutions' control such as but not limited to, , existing consoles, backhaul.		X	
Ensure that frequency availability and licensing meet project requirements, and pay licensing and frequency coordination fees.	X		
Review and update design documents, including System Description, Statement of Work, and Acceptance Test Plan, based on Design Review agreements.	X		
Execute Change Order in accordance with all material changes to the Contract resulting from the Design Review.	X		
Deliverable: Finalized design documentation based upon "frozen" design, along with any relevant Change Order documentation.			
<b>SYSTEM INSTALLATION</b>			
<b>Equipment Order and Manufacturing</b>			
Create equipment order and reconcile to contract.	X		
Manufacture Motorola Solutions-provided equipment necessary for system based on equipment order.	X		
Procure non-Motorola Solutions equipment necessary for the system.	X		
Deliverable: Equipment procured and ready for shipment.			
<b>System Staging</b>			
Ship equipment needed for staging (field staging).	X		
Provide information on existing system interfaces, room layouts, or other information necessary for the assembly to meet field conditions.		X	X
Set up and rack the solution equipment on a site-by-site basis, as it will be configured in the field at each of the sites.	X		
Cut and label the cables with to/from information to specify interconnection for field installation and future servicing needs.	X		

Tasks	Motorola Solutions	Town of Westport	DESPP
Complete the cabling/connecting of the subsystems to each other (“connectorization” of the subsystems).	X		
Assemble required subsystems to assure system functionality.	X		
Power up, load application parameters, program, and test all staged equipment.	X		
Confirm system configuration and software compatibility with the existing system.	X		
Inventory the equipment with serial numbers and installation references.	X		
Perform factory functional acceptance tests of system features	X		
Conduct site and system level testing.	X		
Deliverable: System staged and ready for shipment.			
<b>Equipment Shipment and Storage</b>			
Provide secure location for solution equipment (up to 3 months).	X		
Pack and ship solution equipment to the identified, or site location(s).	X		
Receive solution equipment.	X		
Inventory solution equipment.	X		
Deliverable: Solution equipment received and ready for installation.			
<b>General Installation</b>			
Deliver solution equipment to installation location.	X		
Coordinate receipt of and inventory solution equipment with designated contact.	X		
Install all proposed fixed equipment as outlined in the System Description based upon the agreed-upon floor plans, connecting audio, control, and radio transmission cables to connect equipment to the power panels or receptacles, and audio/control line connection points. Installation performed in accordance with R56 standards and state/local codes.	X		
Provide system interconnections that are not specifically outlined in the system design, including dedicated phone circuits, microwave links, fiber or other types of connectivity.		X	X
Connect installed equipment to the provided ground system.	X		
Label equipment, racks, and cables.	X		
Note any required changes to the installation for inclusion in the “as-built” system documentation.	X		
Remove and transport of old equipment to Town location. This includes stations, consoles, and associated racks, only equipment that will not be used after the addition of the simulcast subsites.	X		
Deliverable: Equipment installed.			
<b>ASTRO 25 Core and Remote Site Installation and Configuration</b>			
Install fixed equipment contained in the equipment list and system description.	X		
Configure ASTRO 25 system to support the new RF sites.	X		



Tasks	Motorola Solutions	Town of Westport	DESPP
Verify site link performance, prior to the interconnection of the solution equipment to the link equipment.	X		
Provide list of subscriber IDs for loading into the Zone Controller.		X	X
Load subscriber IDs in the Zone Controller.			X
Provide required radio ID and alias information to enable alias database setup for interface to consoles.		X	X
Integrate the RF sites into the system to ensure proper operation.	X		
Deliverable: ASTRO 25 Remote sites equipment installation completed.			
<b>Develop Console and User Radio Fleetmap</b>			
Review and determine modifications to existing fleetmap.		X	X
Review fleetmapping requirements with Customer, including user ID and talkgroup structures.		X	X
Designate user group representatives for the user groups, to make timely decisions on their behalf.		X	X
Develop templates.		X	X
Participate in a meeting to finalize any changes among user groups.		X	X
Review and approve fleetmap templates.		X	X
Program approved templates into radios.	X		
Deliverable: Fleetmap plan completed and approved by Customer.			
<b>Mobile Radio Installation and Programming</b>			
Develop and approve prototypes for each type of mobile installation.		X	X
Test features and functionalities of the mobile templates.		X	
Program the mobile radios identified in the equipment list in accordance with the programming templates, client software, and fleetmap. A "one-time only" programming is included in the project pricing.	X		
Provide vehicle list and work with Motorola Solutions to develop mobile equipment requirements.		X	
Provide adequate number of vehicles for installations according to the project/installation schedule.		X	
Remove the existing mobiles from the vehicle at the same time of installation of the new radios.	X		
Install all the mobiles in the vehicles (in same location as existing ones, if possible), as identified in the equipment list, and according to the installation schedule.	X		
Provide suitable installation location (indoor facility with electrical power).		X	
Permanently mount the antennas on each vehicle appropriate for the vehicle type. Install the antennas close to the same location as the existing antennas, where practical, in vehicles that already have antennas installed. If applicable, plug the old antenna hole with an appropriate rubber plug.	X		
Install the antennas on the roof, where practical, on the new antenna installations. If mobile antenna cannot be installed on the roof, determine an alternative location.	X		

Tasks	Motorola Solutions	Town of Westport	DESPP
Deliverable: Mobile radios installed and accepted.			
<b>Portable Radio Programming and Distribution</b>			
Program the portable radios identified in the equipment list in accordance with the customer approved programming templates, client software, and fleetmap. A “one-time only” programming is included in the project pricing.	X		
Deliver portable radios to authorized Customer personnel and inventory upon receipt.	X	X	
Acknowledge receipt of portable radios and accessories and verify proper operation of a sampling of delivered portable radios.		X	
Distribute portable radios to end users.		X	
Deliverable: Portable radios accepted and distributed.			
<b>SYSTEM OPTIMIZATION AND TESTING</b>			
<b>R56 Site Audit</b>			
Perform R56 site-installation quality-audits, verifying proper physical installation and operational configurations.	X		
Create site evaluation report to verify site meets or exceeds requirements, as defined in Motorola Solutions’ R56 Standards and Guidelines for Communication Sites.	X		
Deliverable: R56 Standards and Guidelines for Communication Sites audits completed successfully.			
<b>Interference</b>			
Performance degradation of the System due to on-site RFI-EMI shall be promptly investigated and corrected by Motorola Solutions during the Warranty Term and, if exercised, any Maintenance Term of this Contract (A-99-001) at Motorola Solutions’ expense, if the interference is due to a defect of any Product installed by Motorola Solutions.	X		
Resolve any interference caused by equipment not supplied by Motorola Solutions.		X	
<b>Solution Optimization</b>			
Verify that all equipment is operating properly and that all electrical and signal levels are set accurately.	X		
Verify that all audio and data levels are at optimized settings.	X		
Verify communication interfaces between devices for proper operation.	X		
Ensure that functionality meets manufacturers’ specifications and complies with the final configuration established during design review or system staging.	X		
Deliverable: Completion of System Optimization.			
<b>Functional Acceptance Testing</b>			
Verify the operational functionality and features of the solution supplied by Motorola Solutions, as contracted.	X		
Witness the functional testing (if desired).		X	X
Document all issues that arise during the acceptance tests.	X		



Tasks	Motorola Solutions	Town of Westport	DESPP
If any major task for the system as contractually described fails during the Customer acceptance testing or beneficial use, repeat that particular task after Motorola Solutions determines that corrective action has been taken.	X		
Resolve any minor task failures before Final System Acceptance.	X		
Document the results of the acceptance tests and present for review.	X		
Review and approve final acceptance test results.		X	
Deliverable: Completion of functional testing and approval by Customer.			
<b>Coverage Testing</b>			
Determine the required number of test vehicles for simultaneous testing of multiple service areas.	X	X	
Perform coverage testing according to the Coverage Acceptance Test Plan (CATP), Submit test reports within the agreed period.	X		
For any area that fails, take corrective action.	X		
Retest any areas for which corrective action has been taken.	X		
Document all issues that arise during the coverage testing.	X		
Submit final test reports, according to the agreed period.	X		
Provide the required number of test vehicles, drivers, and resources to witness the coverage testing.		X	
Review and approve test results.		X	X
Deliverable: Completion of coverage testing and approval by Customer.			
<b>PROJECT TRANSITION</b>			
<b>Cutover</b>			
Finalize Cutover Plan.	X	X	X
Input user radio information into the system database and activation, as required.			X
Conduct cutover meeting with relevant personnel to address both how to mitigate technical and communication problem impacts to the users during cutover and during the general operation of the system.	X		
Notify the personnel affected by the cutover of the date and time planned for cutover.		X	X
Provide ongoing communication with users regarding the project and schedule.	X	X	X
Cut over users and ensure that RF sites are operating on ASTRO 25 system.	X		
Resolve punchlist items, documented during the Acceptance Testing phase, in order to meet all the criteria for final system acceptance.	X		
Assist Motorola Solutions with resolution of identified punchlist items by providing support, such as access to the sites, equipment and system, and approval of the resolved punchlist items.	X	X	X
Deliverable: Migration to new system completed, and punchlist items resolved.			
<b>Transition to Warranty</b>			
Review the items necessary for transitioning the project to warranty support and service.	X		

Tasks	Motorola Solutions	Town of Westport	DESPP
Motorola Solutions to provide services during year 1 warranty which align with the proposed services.	X		
Provide a Customer Support Plan detailing the warranty support associated with the contract equipment.	X		
Participate in the Transition Service/Project Transition Certificate (PTC) process.		X	X
Deliverable: Service information delivered and approved by Customer.			
Finalize Documentation and System Acceptance			
Provide manufacturer's installation material, part list and other related material to Customer upon project completion.	X		
Provide an electronic as-built system manual on CD or other Customer preferred electronic media. The documentation will include the following: <ul style="list-style-type: none"> <li>- Site Block Diagrams.</li> <li>- Site Floor Plans.</li> <li>- Site Equipment Rack Configurations.</li> <li>- Antenna Network Drawings for RF Sites (where applicable).</li> <li>- ATP Test Checklists.</li> <li>- Functional Acceptance Test Plan Test Sheets and Results.</li> <li>- Equipment Inventory List.</li> </ul> Documents will be delivered in Adobe PDF format.	X		
Receive and approve documentation.		X	X
Execute Final Project Acceptance.	X	X	X
Deliverable: All required documents are provided and approved. Final Project Acceptance.			



## 2.2 CIVIL WORK - SITE DEVELOPMENT

### 2.2.1 Site Development at Bayberry Lane Site

Existing ATC owned tower site with 140-foot Monopole. There is an existing 9x12 equipment shelter where we are proposing to install new radio equipment in existing shelter. The Town of Westport currently has antennas at the top of the monopole so we will be installing new antennas at the same height.

#### Site Scope Summary

- Engineering services for site drawings and regulatory approvals – Included.
- Site acquisition services – Not included.
- Zoning Services – Not included.
- Existing tower to be used for antennas – 140-foot Monopole.

#### Motorola Solutions Responsibilities:

##### Site Engineering

- Prepare site construction drawings, limited to 2 revisions, showing the layout of various new and existing site components.
- Conduct site walks to collect pertinent information from the sites (e.g., location of Telco, power, existing facilities, etc.).
- Prepare a lease exhibit and sketch of the site to communicate to the property owner the proposed lease space and planned development at the particular site location.
- Prepare record drawings of the site showing the as-built information.
- Perform National Environmental Policy Act (NEPA) Limited Threshold Screening, including limited literature and records search and brief reporting, as necessary to identify sensitive natural and cultural features referenced in 47 Code of Federal Regulations (CFR) Chapter 1, subsection 1.1307 that may be potentially impacted by the proposed construction activity. This does not include the additional field investigations to document site conditions if it is determined that the proposed communication facility “may have a significant environmental impact” and thus require additional documentation, submittals, or work.
- Preparation, submission and tracking of application for local permit fees (zoning, electrical, building etc.) and procurement of information necessary for filing.
- Third-Party Tower Owner Structural Fee.

##### Site Preparation

- Obtain the permits such as electrical, building, and construction permits, and coordinate any inspections with local authorities that may be needed to complete site development work.
- Provide one-time mobilization costs for the construction crews. Any remobilization due to interruptions/delays that are out of Motorola Solutions' control will result in additional costs.

##### Site Components Installation

- Supply and install exterior grounding for replacement of EGB and tie to existing shelter ground ring.
- Conduct (1) clamp on ground resistance test of the site. Should any improvements to grounding system be necessary after ground testing, the cost of such improvements shall be the responsibility of Westport, CT.



### Antenna and Transmission Line Installation

- Supply and install (3) antenna(s) for the RF system.
- Supply and install 1 tower top amplifier(s).
- Supply and install up to 190 linear feet of 1/2-inch transmission line.
- Supply and install up to 570 linear feet of 1-5/8-inch transmission line.
- Perform sweep tests on transmission lines.
- Provide and install attachment hardware for supporting transmission lines on the antenna support structure every three feet.
- Supply and install (3) ground buss bar(s) at the top, middle, and bottom of the antenna support structure for grounding RF cables before they make horizontal transition.

### Existing Facility Improvement Work

- Supply and install (1) 15A breakers in the panel and wire to DC plant inverter located on an average within 35 cable feet.
- Supply and install (4) 30A dual pole breakers in the panel and wire to DC plant rectifiers located on an average within 35 cable feet.
- Upgrade internal grounding for new MGB and DC Plant.
- Supply and install (2) copper ground buss bar(s). For replacement of MGB and EGB.

### Miscellaneous Work

- Furnish labor and materials to supply (3) required antenna pipes to attach large antennas to existing antenna platform at top of tower.
- Provide non Motorola Solutions-supplied materials such as pipe to pipe clamps, hoist grips, ground kits, and weatherproofing kits.
- Provide materials and labor to install galvanized steel monopole cable management banding on outside of tower for proposed coax installation. Crane with basket.
- Provide labor to remove existing (3) UHF antennas and associated coax. Includes remobilization.
- Allowance included for potential modification of existing antenna platform if required. Includes post modification inspection.

### **Customer Responsibilities:**

- If required, prepare and submit Electromagnetic Energy (EME) plans for the site (as a licensee) to demonstrate compliance with FCC RF Exposure guidelines.
- As applicable pay for any ATC tower owner construction fees.
- Review and approve site design drawings within 7 calendar days of submission by Motorola Solutions or its subcontractor(s). Should a re-submission be required, the Customer shall review and approve the re-submitted plans within 7 calendar days from the date of submittal.
- Pay for the usage costs of power, leased lines and generator fueling both during the construction/installation effort and on an on-going basis.
- Pay for application fees, taxes and recurring payments for lease/ownership of the property.
- As applicable (based on local jurisdictional authority), the Customer will be responsible for any installation or up-grades of the electrical system in order to comply with NFPA 70, Article 708.
- Provide property deed or lease agreement along with existing as-built drawings of the site and site components to Motorola Solutions for conducting site engineering.
- Provide a right of entry letter from the site owner for Motorola Solutions to conduct field investigations.



- Maintain existing access road in order to provide clear and stable entry to the site for heavy-duty construction vehicles, cement trucks and cranes. Sufficient space must be available at the site for these vehicles to maneuver under their own power, without assistance from other equipment.
- Arrange for space on the structure for installation of new antennas at the proposed heights on designated existing antenna-mounting structures.
- Provide as-built structural and foundation drawings of the structure and site location(s) along with geotechnical report(s) for Motorola Solutions to conduct a structural analysis.
- Provide support facilities for the antenna cables (cable ladder, entry ports, waveguide bridge) from the antenna to the equipment room.
- Provide space, HVAC, backup power (UPS, generator), outlets, grounding, surge suppression, lighting, fire suppression and cabling facilities for the equipment room per Motorola Solutions' R56 specifications. Ceiling and cable tray heights in the equipment rooms should be such as to accommodate 7-1/2-foot equipment racks, and the ceiling should be 9 feet or greater.
- Confirm that there is adequate utility service to support the new equipment and ancillary equipment.
- Confirm that the existing generator is sufficient to support the new equipment and ancillary equipment loads.
- If required, remove or relocate any existing facilities, equipment, and utilities to create space for new site facilities and equipment.
- If required, provide any physical improvements (walls, roofing, flooring, painting, etc.) necessary to house the equipment in the existing room.
- Provide support and entry facilities for the cables (cable ladder/chaseway, entry ports, etc.) between the proposed equipment locations.

**Assumptions:**

- Prevailing Wages are included.
- Zoning is not required.
- All work is assumed to be done during normal business hours as dictated by time zone (Monday thru Friday, 7:30 a.m. to 5:00 p.m.).
- All recurring and non-recurring utility costs [including, but not limited to, generator fuel (except first fill), electrical, Telco] will be borne by the Customer or site owner.
- Hazardous materials are not present at the work location. Testing and removal of hazardous materials, found during site investigations, construction or equipment installation will be the responsibility of the customer.
- A maximum of 30 days will be required for obtaining approved building permits from time of submission.
- No improvements are required for crane access.
- If extremely harsh or difficult weather conditions delay the site work for more than a week, Motorola Solutions will seek excusable delays rather than risk job site safety.
- The existing ground system and soil resistivity at the site is sufficient to achieve resistance of 10 ohms or less. Communication site grounding will be designed and installed per Motorola Solutions' R56 standards.
- AM detuning or electromagnetic emission studies will not be required.
- Structural and foundation drawings of the antenna support structure will be made available to preclude the need for ultrasonic testing, geotechnical borings or mapping of existing tower structural members.
- On the existing tower, the antenna locations for the proposed antenna system design will be available at the time of installation.

- The site has adequate utility service to support the proposed equipment loading. Utility transformer upgrades or step-up or down transformers will not be required.
- Underground utilities are not present in the construction area and as such no relocation will be required.
- The existing antenna support structure is structurally capable of supporting the new antenna, cables, and ancillary equipment proposed and will not need to be removed or rebuilt at the existing site. The tower or supporting structure meets all applicable EIA/TIA-222 structural, foundation, ice, wind, and twist and sway requirements. Motorola Solutions has not included any cost for structural or foundation upgrades to the antenna support structure.
- The existing cable support facilities from the antenna to the cable entry port can be used for supporting the new antenna cables.
- Structural analyses for towers or other structures that have not been performed by Motorola Solutions will relinquish Motorola Solutions from any responsibility for the analysis report contents and/or recommendation therein.
- The site will have adequate room for installation of proposed equipment, based on applicable codes and Motorola Solutions' R56 standards.
- A clear obstruction-free access exists from the antenna location to the equipment room.
- The Customer does not desire upgrade of the existing site to meet Motorola Solutions' R56 standards.
- The floor can support the proposed new loading. Physical or structural improvements to the existing room will not be required.
- The allowance for potential platform modifications is not firm fixed. If required, we will provide actual quote following final modification design.
- The proposal included Two (2) sessions of training, four (4) hour each for the trainer.
- Following assumptions were made for Wilton site:
  - Assumes if tower remediation is required, existing concrete foundation meets the proposed loading and no remediation is necessary.
  - Tower structural remediation allowance is allowance only. If allowance cost is exceeded, the additional monies will be negotiated thru the change order process.
  - Assumes existing tower foundation is sufficient to meet proposed antenna loading and no remediation is required.
  - Tower structural and tower mapping has been included for Wilton site within the proposal.

### **Completion Criteria**

- Site development completed per issued for construction (IFC) construction drawings, project requirements, contractual obligations (including any customer/Motorola Solutions-approved changes) and approved by Westport, CT.



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SECTION 3

# ACCEPTANCE TEST PLANS

## 3.1 PRELIMINARY FUNCTIONAL ACCEPTANCE TEST PLAN

Town of Westport

Westport Radio System Project



## 3.1.1 Wide Area Trunking – FDMA/TDMA Mixed Site

### 3.1.1.1 Talkgroup Call

#### 1. DESCRIPTION

The Talkgroup is the primary level of organization for communications on a trunked radio system. Radios with Talkgroup call capability will be able to communicate with other members of the same Talkgroup. This provides the effect of a private channel down to the Talkgroup level.

This test will demonstrate that a Talkgroup transmission initiated by a radio user will only be heard by system users, which have, the same Talkgroup selected. As with other types of calls, Talkgroup calls can take place from anywhere in the system.

#### SETUP

RADIO-1 - SITE 1 - TALKGROUP 1  
RADIO-2 - SITE 2 - TALKGROUP 1  
RADIO-3 - SITE 1 - TALKGROUP 2  
RADIO-4 - SITE 2 - TALKGROUP 2

#### VERSION #1.040

#### 2. TEST

- Step 1. Initiate a Wide Area Call with RADIO-1 in TALKGROUP 1.
- Step 2. Observe that only RADIO-2 will be able to monitor and respond to the call.
- Step 3. Initiate a Wide Area Call with RADIO-3 in TALKGROUP 2.
- Step 4. Observe that only RADIO-4 will be able to monitor and respond the call.

Pass \_\_\_\_\_ Fail \_\_\_\_\_

## Wide Area Trunking FDMA/TDMA Mixed Sites

### 3.1.1.2 Continuous Assignment Updating

#### 1. DESCRIPTION

When a talkgroup is assigned a voice channel, the site controller continues to transmit the channel assignment on the control channel for the duration of the talkgroup call. Radios coming into use on the system are automatically sent to voice channels with conversations in progress involving their selected talkgroups.

#### SETUP

RADIO-1 - TALKGROUP 1  
RADIO-2 - TALKGROUP 1  
RADIO-3 - TALKGROUP 1

#### VERSION #1.010

#### 2. TEST

- Step 1. Turn OFF RADIO-1.
- Step 2. Initiate a Talkgroup Call using RADIO-2 and verify RADIO-3 hears the audio.
- Step 3. While the Talkgroup Call is in progress, turn ON RADIO-1.
- Step 4. Observe RADIO-1, which was just brought back into service, joins the Talkgroup Call already in progress.
- Step 5. End the talkgroup call.
- Step 6. Switch RADIO-1 to another talkgroup.
- Step 7. Initiate a Talkgroup Call from RADIO-2 to RADIO-3.
- Step 8. While the Talkgroup Call is in progress, set RADIO-1 back to TALKGROUP 1.
- Step 9. Observe that RADIO-1 joins the Talkgroup Call already in progress.

Pass\_\_\_\_ Fail\_\_\_\_



## Wide Area Trunking - FDMA/TDMA Mixed Sites

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### 3.1.1.3 Audio Interrupt / Interrupt Never Mode

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#### 1. DESCRIPTION

A radio PTT request may be received for a group already active and currently being sourced by another radio unit. The talkgroup can be flagged to either allow or disallow the new PTT. If allowed, the latest PTT request will be granted and become the source of the call.

#### SETUP

RADIO-1 – TALKGROUP 1  
RADIO-2 – TALKGROUP 1  
RADIO-3 – TALKGROUP 1

#### VERSION #1.020

#### 2. TEST

- Step 1. Verify TALKGROUP 1's template is set up as Audio Interrupt Never.
- Step 2. Using RADIO-1, initiate a call on TALKGROUP 1.
- Step 3. Verify both RADIO-2 and RADIO-3 monitor the audio.
- Step 4. Using RADIO-3, initiate a call on TALKGROUP 1.
- Step 5. Verify that RADIO-3 receives a reject and that RADIO-2 continues to listen to RADIO-1.
- Step 6. Dekey both Radios.

Pass\_\_\_\_\_ Fail\_\_\_\_\_



## 3.1.2 Site Trunking - FDMA/TDMA Mixed Site

### 3.1.2.1 Site Trunking Indication

#### 1. DESCRIPTION

When a remote site loses its link or does not have a link to the Zone Controller, the affected site will enter "Site Trunking" mode of operation. Radios locked onto this site will be serviced locally within this site's coverage area.

NOTE: If the subscriber does not have the Display option, the "Site Trunking" indication will not be displayed.

#### SETUP

RADIO-1 - TALKGROUP 1  
RADIO-1 - SITE - SITE 1  
RADIO-2 - TALKGROUP 2  
RADIO-2 - SITE - SITE 1

Lock the subscribers to SITE 1 if more than one site exists on the system.

#### VERSION #1.010

#### 2. TEST

- Step 1. Place SITE 1 into the Site Trunking mode.
- Step 2. Verify that RADIO-1 and RADIO-2 are displaying the "Site Trunking" indication.
- Step 3. Return the site to Wide Area Trunking unless the next test requires Site Trunking.

Pass\_\_\_\_\_ Fail\_\_\_\_\_



## Site Trunking - FDMA/TDMA Mixed Sites

### 3.1.2.2 Talkgroup Call

#### 1. DESCRIPTION

When a site goes into Site Trunking, radios with Talkgroup Call capability will be able to communicate with other members of the same talkgroup at that same site. Members of the same talkgroup at other sites will not be able to monitor those conversations.

#### SETUP

RADIO-1 - TALKGROUP 1  
RADIO-1 - SITE - SITE 1  
RADIO-2 - TALKGROUP 1  
RADIO-2 - SITE - SITE 1  
RADIO-3 - TALKGROUP 1  
RADIO-3 - SITE - SITE 2  
RADIO-4 - TALKGROUP 1  
RADIO-4 - SITE - SITE 2

Note: All Radios should be "Site Locked"

#### VERSION #1.010

## 2. TEST

- Step 1. Place SITE 1 into the Site Trunking mode.
- Step 2. Initiate a Talkgroup Call with RADIO-1 on TALKGROUP 1 at SITE 1.
- Step 3. Observe that only RADIO-2 will be able to monitor and respond to the call. Note that RADIO-3 and RADIO-4 are not able to monitor the call since the site is not in wide area operation.
- Step 4. Initiate a Talkgroup Call with RADIO-3 on TALKGROUP 1 at SITE 2.
- Step 5. Observe that only RADIO-4 will be able to monitor and respond to the call.

Pass\_\_\_\_\_ Fail\_\_\_\_\_

## Site Trunking - FDMA/TDMA Mixed Sites

### 3.1.2.3 Continuous Assignment Updating

#### 1. DESCRIPTION

When a talkgroup is assigned a voice channel, the site controller continues to transmit the channel assignment on the control channel for the duration of the Talkgroup Call. Radios coming into use on the system are automatically sent to voice channels with conversations in progress involving their selected talkgroups.

#### SETUP

RADIO-1 - TALKGROUP 1  
RADIO-1 - SITE - SITE 1  
RADIO-2 - TALKGROUP 1  
RADIO-2 - SITE - SITE 1  
RADIO-3 - TALKGROUP 1  
RADIO-3 - SITE - SITE 1

Note: All Radios should be "Site Locked"

#### VERSION #1.010

#### 2. TEST

- Step 1. Place SITE 1 into the Site Trunking mode.
- Step 2. Turn OFF RADIO-1.
- Step 3. Initiate a Talkgroup Call using RADIO-2.
- Step 4. While the Talkgroup Call is in progress, turn on RADIO-1.
- Step 5. Observe that RADIO-1, which was just brought back into service, joins the Talkgroup Call already in progress.
- Step 6. Release the PTT of RADIO-2. Switch RADIO-1 to TALKGROUP 2.
- Step 7. Initiate a Talkgroup Call using RADIO-2.
- Step 8. While the Talkgroup Call is in progress, turn RADIO-1 back to TALKGROUP 1.
- Step 9. Observe that RADIO-1, which was just set back to TALKGROUP 1, joins the Talkgroup Call already in progress.
- Step 10. Return the site to Wide Area Trunking unless the next test requires Site Trunking.

Pass\_\_\_\_ Fail\_\_\_\_



## Site Trunking - FDMA/TDMA Mixed Sites

### 3.1.2.4 Wide Area Recovery

#### 1. DESCRIPTION

A site in Site Trunking will transition to Wide Area Trunking when all failures have been cleared. All subscribers should transition from Site Trunking to Wide Area Trunking and continue to process calls.

#### SETUP

RADIO-1 - TALKGROUP 1  
RADIO-1 - SITE - SITE 1  
RADIO-2 - TALKGROUP 1  
RADIO-2 - SITE - SITE 1  
RADIO-3 - TALKGROUP 1  
RADIO-3 - SITE - SITE 2  
RADIO-4 - TALKGROUP 1  
RADIO-4 - SITE - SITE 2  
CONSOLE-1 - TALKGROUP 1

Note: All Radios should be "Site Locked"

#### VERSION #1.020

## 2. TEST

- Step 1. Set the status of SITE 1 to Wide Area and clear any system errors that may have placed SITE 1 into Site Trunking.
- Step 2. Verify that the status of SITE 1 has transitioned into Wide Area Trunking.
- Step 3. Verify that RADIO-1 and RADIO-2 no longer display Site Trunking.
- Step 4. Verify Wide Area communications between RADIO-1, RADIO-2, RADIO-3, RADIO-4 and CONSOLE-1.

Pass \_\_\_\_ Fail \_\_\_\_

### 3.1.3 Signoff Certificate

By their signatures below, the following witnesses certify they have observed the system Acceptance Test Procedures.

Signatures

WITNESS: \_\_\_\_\_ Date: \_\_\_\_\_

Please Print Name: \_\_\_\_\_

Initials:

Please Print Title: \_\_\_\_\_

WITNESS: \_\_\_\_\_ Date: \_\_\_\_\_

Please Print Name: \_\_\_\_\_

Initials:

Please Print Title: \_\_\_\_\_

WITNESS: \_\_\_\_\_ Date: \_\_\_\_\_

Please Print Name: \_\_\_\_\_

Initials:

Please Print Title: \_\_\_\_\_

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## 3.2 COVERAGE ACCEPTANCE TEST PLAN

### 3.2.1 Overview

This Coverage Acceptance Test Plan (CATP) is designed to verify that the voice radio system implemented by Motorola Solutions for the Town of Westport meets or exceeds the required reliability as shown on Motorola Solutions' map. The CATP defines the coverage testing method and procedure, the coverage acceptance criterion, the test documentation, and the responsibilities of Motorola Solutions, the Town of Westport, and DESPP.

Coverage Acceptance Testing is based upon a coverage prediction that accurately represents the implemented infrastructure and parameters that are consistent with the contract agreements. Motorola Solutions' coverage design and coverage guarantee is based on the use of Motorola Solutions APX subscribers. The Coverage Acceptance Test will be performed using Motorola Solutions APX subscribers.

Subsequent sections define the coverage acceptance test configurations and test criteria.

### 3.2.2 CATP Definitions

Several definitions are needed to accurately describe the coverage acceptance test method and criteria. Where cited, these terms or methods are defined in TIA TSB-88.1-D<sup>1</sup> or TSB-88.3-D<sup>2</sup>.

#### 3.2.2.1 Defined Test Area

The defined test area is the geographical area in which communications will be provided that meet or exceed the specified Channel Performance Criterion (CPC) at the specified reliability for the specified equipment configuration. The defined test area is listed in Table 3-2: Town of Westport Coverage Acceptance Test Summary, along with the name of the corresponding Motorola Solutions map which shows the defined test area. Please see Reference 1 in Section 3.2.6 for the APX 8000XE Portable in 12 dB Building coverage prediction and Reference 2 in Section 3.2.6 for the APX 6500 Mobile coverage prediction.

For coverage testing, the defined test area will be divided into a grid pattern by Motorola Solutions to produce at least the number of uniformly sized test locations (or tiles) required by the Estimate of Proportions formula. {TSB-88.3-D, §5.2.1, equation 2} The minimum number of test tiles required varies, from a hundred to many thousands, depending on the size of the defined test area, desired confidence in results, type of coverage test, and the predicted versus required reliability.

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<sup>1</sup> *Wireless Communications Systems --- Performance in Noise- and Interference-Limited Situations --- Part 1: Recommended Methods for Technology Independent Performance Modeling* Technical Service Bulletin TSB-88.1-D, Telecommunications Industry Association (TIA), Arlington VA, 2012.

<sup>2</sup> *Wireless Communications Systems --- Performance in Noise- and Interference-Limited Situations --- Part 3: Recommended Methods for Technology Independent Performance Verification*, Technical Service Bulletin TSB-88.3-D, Telecommunications Industry Association (TIA), Arlington VA, 2013.

### 3.2.2.2 Channel Performance Criterion (CPC)

The CPC is the specified minimum design performance level in a faded channel. {TSB-88.1-D, §5.2} For this system, the CPC is the Delivered Audio Quality (DAQ) as stated in Table 3-1. The DAQ definitions are provided below in Table 3-1 {TSB-88.1-D, §5.4.2, Table 3}.

**Table 3-1: DAQ Definitions**

DAQ	Subjective Performance Description
1	Unusable, speech present but unreadable.
2	Understandable with considerable effort. Frequent repetition due to noise/distortion.
3	Speech understandable with slight effort. Occasional repetition required due to noise/distortion.
3.4	Speech understandable with repetition only rarely required. Some noise/distortion.
4	Speech easily understood. Occasional noise/distortion.
4.5	Speech easily understood. Infrequent noise/distortion.
5	Speech easily understood.

The CPC pass/fail criterion is the faded performance threshold, plus any adjustments for antenna performance, external noise, and in-building or in-vehicle losses. {TSB-88.1-D, §5.4.2, Figure 5} The faded performance threshold for the specified CPC is determined using the receiver’s static reference sensitivity adjusted by the projected CPC parameters for the applicable Modulation Type and DAQ as listed in the current version of TSB-88.1, Annex A, Table A-1. For coverage testing of digital voice radio systems, the faded performance threshold is the applicable Bit Error Rate (BER) from the projected CPC parameters.

### 3.2.2.3 Reliability

The Service Area reliability is the percentage of locations within the defined test area that are predicted to meet or exceed the specified CPC. The Motorola Solutions’ map indicates the Service Area within which this system is predicted to provide at least the reliability of meeting or exceeding the CPC as stated in Table 3-2: Town of Westport Coverage Acceptance Test Summary.

After all accessible tiles in the defined test area have been tested, the Service Area reliability will be determined by dividing the number of tiles tested that meet or exceed the CPC pass/fail criterion by the total number of tiles tested. {TSB-88.3-D, §5.1, equation 1}

### 3.2.2.4 Direction of Test

The direction of test in Table 3-2: Town of Westport Coverage Acceptance Test Summary defines the direction which will be tested for coverage acceptance. Outbound (also called forward link, downlink, or talk-out) is the path from the fixed equipment outward to the mobile or portable radios. Inbound (also called reverse link, uplink, or talk-in) is the path from the mobile or portable radios inward to the fixed equipment. Round Trip means both Outbound and Inbound are required to pass for a test tile to pass.

### 3.2.2.5 Equipment Configurations

This section defines the equipment configuration and infrastructure design parameters upon which the coverage guarantee and the coverage acceptance test are based. The equipment configuration is defined in Table 3-2: Town of Westport Coverage Acceptance Test Summary, and includes user



equipment, outdoor/in-building definition, defined test area, number of test tiles, reliability, CPC, CPC pass/fail, and direction(s) of test. The infrastructure design parameters are defined in Table 3-3: Town of Westport Infrastructure Design Parameters, and include site names, site locations, and antenna system parameters. If the implemented system equipment configuration and/or infrastructure design parameters vary from these configurations and/or parameters, a revised coverage map will be used to define the test configuration and potential areas from which test tiles will be included in the revised coverage acceptance test.

Coverage testing will be conducted with equipment installed per the configuration in Table 3-2: Town of Westport Coverage Acceptance Test Summary, and with the mobile antenna in an unobstructed location that is not adjacent to other large objects or metallic items which would distort the antenna pattern.



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**Table 3-2: Town of Westport Coverage Acceptance Test Summary**

User Equipment	Outdoor / In-Building	Defined Test Area & Map Name	Number of Test Tiles	Reliability	CPC	CPC Pass/Fail	Direction(s) of Test
<b>700/800 MHz P25 Phase II TDMA Simulcast System</b>							
APX 8000XE Portable with the standard all-band antenna in a swivel case on the hip with a remote speaker microphone for transmit and receive	In 12 dB Random Buildings. In-vehicle attenuated drive test (simulating portable in-building)	Town of Westport Jurisdictional Boundary as shown in Section 3.2.6 Reference 1 - CT DESPP Town of Westport Phase 2 TDMA Coverage Map	394 (0.25 x 0.25 mile tiles) with 369 accessible by roads	95%	DAQ-3.4	Subjective DAQ	Round Trip
APX 6500 Mobile in a standard vehicle with a unity gain antenna mounted in the center of the roof at least 5-feet high with 17-feet or less of Larson RG-58/U low loss dual shield coax or Times Microwave Systems LMR-240 coax installed according to prescribed installation standards	Outdoor	DESPP Troop G Service Area as shown in Section 3.2.6 Reference 2 - CT DESPP Troop G Phase 2 TDMA Coverage Map	4,375 (0.3 x 0.3 mile tiles) with 4132 accessible by roads	98%	DAQ-3.0	3.1% BER Outbound with Subjective DAQ Re-Test Allowed	Outbound Only

**Table 3-3: Town of Westport Infrastructure Design Parameters**

Site Name	Latitude	Longitude	Transmit Antenna System			Receive Antenna System		Effective Faded Sensitivity
			Mounting Height/Azi	Antenna Model	ERP	Mounting Height/Azi	Antenna Model	
<b>700/800 MHz P25 Phase II TDMA Simulcast System</b>								
Westport-Bayberry Lane	41°10'17.9" N	73°19'43.0" W	140-foot	dbSpectra DS7C09P36U-D	150 W	140-foot	dbSpectra DS7C09P36U-D	-122.67 dBm
Greenwich (Existing CLMRN)	41°5'49.3" N	73°38'19.5" W	180-foot	Sinclair SC479-HF1LDF(D00-E5608)	105 W	180-foot	Sinclair SC479-HF1LDF(D00-E5608)	-122.93 dBm
Redding (Existing CLMRN)	41°17'13.3" N	73°26'17.4" W	130-foot 135° azimuth	Sinclair SE419-SF3P4LDF	174 W	130-foot 135° azimuth	Sinclair SE419-SF3P4LDF	-123.93 dBm
Shelton (Existing CLMRN)	41°16'48.5" N	73°11'7.6" W	169-foot	Sinclair SC479-HF1LDF(D00-E5765)	100 W	169-foot	Sinclair SC479-HF1LDF(D00-E5765)	-122.93 dBm
Stamford (Existing CLMRN)	41°3'5.6" N	73°32'35.3" W	160-foot	RFI CC807-08-T5	59 W	160-foot	RFI CC807-08-T5	-119.55 dBm
Troop G (Existing CLMRN)	41°10'20.0" N	73°11'32.0" W	180-foot 235° azimuth	Sinclair SE419-SF3PALDF, A=130°	100 W	180-foot 235° azimuth	Sinclair SE419-SF3PALDF, A=105°	-125.43 dBm
West Rock Ridge (Existing CLMRN)	41°20'43.3" N	72°58'14.4" W	115-foot	Sinclair SC479-HF1LDF(D00-E5765)	51 W	114-foot	Sinclair SC479-HF1LDF(D00-E5765)	-122.93 dBm
Westport (Existing CLMRN)	41°8'14.8" N	73°20'4.8" W	173-foot 235° azimuth	Amphenol WPA-700102-4CF-EDIN-9	102 W	160-foot 235° azimuth	Sinclair SE419-SWBPALDF(D00) A=130°	-126.43 dBm
Wilton (Existing CLMRN)	41°10'21.3" N	73°26'3.4" W	182-foot	Sinclair SC479-HF1LDF(D00-E5765)	155 W	181-foot	Sinclair SC479-HF1LDF(D00-E5765)	-122.93 dBm

### 3.2.2.6 In-Building Coverage

Motorola Solutions' coverage prediction for the portable in 12 dB random building equipment configuration includes additional loss to accommodate in-building coverage as stated in Table 3-2: Town of Westport Coverage Acceptance Test Summary.

Since building loss varies significantly depending on the construction of buildings, Motorola Solutions' coverage map does not predict coverage within any specific building. Rather, the in-building coverage map indicates the area within which this system is predicted to provide the required reliability of meeting or exceeding the required CPC within buildings that have up to the in-building loss as stated in Table 3-2: Town of Westport Coverage Acceptance Test Summary.

The in-building coverage map applies only to the above ground portions of buildings. The coverage map does not apply to in-building locations that are shielded from radio penetration, such as elevators, basements below ground level, tunnels, bank vaults, jails, x-ray rooms, nuclear facilities, and other locations shielded by metal walls or with heavy construction and with no external windows or doors.

Please see Reference 1 in Section 3.2.6 for the APX 8000XE Portable in 12 dB Building coverage prediction.

### 3.2.2.7 Outdoor Only Mobile Coverage

Motorola Solutions' mobile coverage prediction is for outdoor locations only. Mobile coverage inside buildings, such as parking garages, or in tunnels is not a design requirement of this system and is, therefore, not guaranteed.

Please see Reference 2 in Section 3.2.6 for the APX 6500 Mobile coverage prediction.

### 3.2.2.8 CPC Pass/Fail Criterion for a Test Tile

For the defined equipment configuration, the CPC pass/fail criterion for a test tile is stated in Table 3-2: Town of Westport Coverage Acceptance Test Summary. The defined equipment configuration will have only one CPC pass/fail criterion for a test tile.

Coverage for the APX 8000XE portable in 12 dB random building equipment configuration will be verified for acceptance by attenuation of the test radio for Subjective DAQ tests. The attenuation will be the difference between the test radio's antenna system and the additional loss used in Motorola Solutions' coverage prediction to account for portable antenna performance and in-building penetration. The attenuator value is provided in Table 3-4: Attenuator Value to Evaluate Portable Equipment Configuration. Please see Table 3-2 for the subjective DAQ roundtrip configuration.

This provides a method of verifying that the radio system provides the required Subjective DAQ for the specified CPC for the defined APX 8000XE portable equipment configuration.

To collect the informational BER and SSI measurements, the coverage test will be performed with the appropriate attenuator value installed in the test radio antenna line to establish an equivalent signal level performance for the defined equipment configuration. Please see Table 3-2 for the objective BER outbound configuration.

Below is the attenuator value required to evaluate the equipment configuration. The methodology to determine the attenuator value is demonstrated in TSB-88.1-D §5.4.2, Figure 5. The attenuator value

includes the proper values for the equipment configuration requirement plus adjustments for the test equipment setup. Should the test equipment setup losses (e.g. cable length) vary, an adjustment to the attenuator value may be required to represent the required equipment configuration accurately.

**Table 3-4: Attenuator Value to Evaluate Portable Equipment Configuration**

User Equipment Configuration and Outdoor / In-Building	Attenuator Value
APX 8000XE Portable In 12 dB Building	20 dB

To measure BER for the APX 6500 mobile equipment configuration, the coverage test will be performed with an APX 6500 mobile radio connected to a unity gain antenna mounted in the center of the roof at least 5 feet high with 17 feet or less of Larson RG-58/U low loss dual shield coax or Times Microwave Systems LMR-240 coax installed according to prescribed installation standards to establish an equivalent signal level performance for the defined equipment configuration. Please see Table 3-2 for the objective BER outbound configuration.

Any test tile that fails the objective BER test described above will be re-tested using a subjective DAQ test. Any test tile that fails the objective BER test, but passes a subjective DAQ re-test will be declared passed.

This provides a method of verifying that the radio system provides the required BER for the specified CPC for the defined APX 6500 mobile equipment configuration.

### 3.2.2.9 Required Number of Test Tiles in the Defined Test Area

The method used to test coverage is a statistical sampling of the defined test area to verify that the CPC is met or exceeded at the required reliability for the defined equipment configuration. It is impossible to verify every point within a defined test area, because there are infinite points; therefore, coverage reliability will be verified by sampling a statistically significant number of randomly selected locations, quasi-uniformly distributed throughout the defined test area. There is one test sample per test tile, where a sample consists of multiple sub-samples.

Coverage acceptance testing will be performed in the defined test area as indicated on Motorola Solutions-provided map (See Reference 1 and Reference 2 in Section 3.2.6). To verify that the reliability requirement is met, the defined test area indicated on Motorola Solutions’ map will be divided into uniformly sized test tiles, with at least the number of test tiles indicated in Table 3-2: Town of Westport Coverage Acceptance Test Summary. The number of test tiles indicated in Table 3-2 is at least the minimum required by the Estimate of Proportions formula as stated in section 3.2.2.1 (Defined Test Area) of this document.

Per TSB-88.3-D, the stated minimum outdoor test tile size is 100 by 100 wavelengths; however, the minimum *practical* test tile size is typically about 400 by 400 meters (about 0.25 by 0.25 miles). The minimum practical test tile size for any system is determined by the distance traveled at the speed of the test vehicle while sampling, GPS error margin, and availability of road access within very small test tiles. A related consideration is the time, resources, and cost involved in testing very large numbers of very small tiles. For a given defined test area, all test tiles must be of equal size. The maximum test tile size is 2 by 2 km (1.24 by 1.24 miles) {TSB-88.3-D, §5.5.1}. In some wide-area systems, this constraint on maximum tile size may dictate a greater number of test tiles than the minimum number required by the Estimate of Proportions formula.

No acceptance testing will be performed in locations outside the defined test area as indicated on the Motorola Solutions-provided map. Motorola Solutions, the Town of Westport, and DESPP may agree to perform “information only” tests in locations outside the defined test area; however, these

“information only” test results will not be used for coverage acceptance. Any “information only” test locations must be defined before starting the test. If the added locations require significant additional time and resources to test, a change order will be required and Motorola Solutions may charge the Town of Westport on a time-and-materials basis.

### 3.2.2.10 Accessibility to Test Tiles

Prior to testing, Motorola Solutions, the Town of Westport, and DESPP will plan the route for the test vehicle through the defined test area, to ensure that at least the minimum required number of tiles is tested. While planning the route (if possible) or during the test, Motorola Solutions, the Town of Westport and DESPP will identify any test tiles that are inaccessible for the coverage test (due to lack of roads, restricted land, etc.). Inaccessible tiles will be eliminated from the acceptance test calculation. {TSB-88.3-D, §5.5.4}

If elimination of inaccessible test tiles results in less than a statistically significant number of test tiles or substantially alters the defined test area, Motorola Solutions reserves the right to adjust the committed reliability based on the reduced number of accessible test tiles within the altered test area and the Estimate of Proportions formula. {TSB-88.3-D, §5.2.1, equation 2}

### 3.2.2.11 Random Selection of a Test Location in Each Tile

This CATP provides an objective method of randomly selecting and tracking test locations using Motorola Solutions’ Voyager<sup>SM</sup> coverage testing tool. The method follows TIA TSB-88.3-D §5.0, “Performance Confirmation”, and has direct correlation with Motorola Solutions’ coverage prediction methodology.

Using Voyager, the actual test location within each test tile will be randomly selected by the test vehicle crossing into the tile at an arbitrary point, with an arbitrary speed and direction. If the selected test location is in a shielded area such as a tunnel or underground parking garage, the data from that test location must be eliminated and a replacement test location must be used.

### 3.2.2.12 CPC Measurements in Each Tile

For the APX 8000XE portable in 12 dB random building equipment configuration, a voice test exchange will be initiated in each test tile using predetermined text typical of a common voice exchange between the fixed location and the portable location. The person conducting the test at the portable will be moving at a typical speed for the surrounding conditions.

For the Informational Outbound BER and Outbound SSI in each test tile, a series of sequential measurements (subsamples) will be made while the test vehicle is moving at a typical speed for the surrounding environment. This test tile measurement, containing a number of subsamples, constitutes the test sample for this location. The test sample will establish the mean BER and median signal strength within the test tile. The BER and SSI subsamples will typically be measured for at least 1 second for BER and over a distance of 40 wavelengths for SSI. A mean of multiple BER and a median of multiple signal strength subsamples is used rather than a single measurement to ensure that the measurement is not biased by taking a single sample that might be at a peak or null point on the radio wave.

For the APX 6500 mobile equipment configuration outbound BER test, a series of sequential measurements (subsamples) will be made in each test tile while the test vehicle is moving at a typical speed for the surrounding environment. This test tile measurement, containing a number of subsamples, constitutes the test sample for this location. The test sample will establish the mean BER

within the test tile. The BER subsamples will typically be measured for at least 1 second. A mean of multiple BER subsamples is used rather than a single measurement to ensure that the measurement is not biased by taking a single sample that might be at a peak or null point on the radio wave.

### 3.2.3 Responsibilities and Preparation

This section identifies the responsibilities of the Town of Westport, DESPP, and Motorola Solutions regarding requirements for equipment, personnel, and time during the coverage test.

The Town of Westport and/or DESPP will provide the following for the duration of the coverage test:

- At least one (1) test vehicle.
- A driver for each test vehicle.
- Exclusive use of the test channels required by Motorola Solutions during the test.
- At least one (1) test team with three or more representatives designated by the Town of Westport and/or DESPP per test team to evaluate and record the pass/fail result of each subjective audio transmission. The required quantity of test participants shall be available a minimum of 8 hours per day.
- Facility with at least one console for the fixed end subjective audio test.
- At least two (2) APX 8000XE portable user radios per test team for the test. One (1) portable user radio will be used for the Subjective DAQ voice test and one (1) portable user radio will be used for informational BER and SSI measurements.
- At least two (2) APX 6500 mobile user radios per test team for the test vehicle. One (1) mobile user radio will be used for the Objective BER test and one (1) mobile user radio will be used for the Subjective DAQ voice re-test, if needed.

Motorola Solutions will provide the following for the duration of the coverage test:

- At least one test team with one fewer Motorola Solutions representatives per test team than those designated by the Town of Westport and/or DESPP to navigate and to operate Voyager, operate the portable radio, and to evaluate and record the pass/fail result of each subjective audio transmission. One fewer Motorola Solutions representatives per test team than those designated by the Town of Westport and/or DESPP will ensure an odd number of team members to avoid ties for the pass/fail majority vote.
- One or more Motorola Solutions representatives to operate the fixed end equipment and to evaluate and record the pass/fail result of each subjective audio transmission.
- At least one Motorola Solutions Voyager coverage testing tool per test team.
- Two (2) mobile antennas with magnetic mounts per test team, mounted in the center of the vehicle roof, free of obstructions and not adjacent to other large objects or metallic items which would distort the antenna pattern. One (1) antenna will be used for the APX 8000XE portable user radio that will be used for the Subjective DAQ voice test or the APX 6500 mobile user radio that will be used for the Objective BER test and one (1) antenna will be used for the APX 8000XE portable user radio that will be used for informational BER and SSI measurements or the APX 6500 mobile user radio that will be used for the Subjective DAQ voice re-test, if needed.

As required, Motorola Solutions will provide a receiver signal strength calibration file for the test radios used with the Voyager coverage testing tool. Motorola Solutions will also provide the test data from an Aeroflex or equivalent test equipment used to auto test the test radios.

Before starting the test, the Town of Westport, DESPP, and Motorola Solutions will agree upon the time frame for Motorola Solutions' submission of a report containing the coverage test results.



## 3.2.4 CATP Procedures

A coverage acceptance test will be performed using Motorola Solutions' Voyager tool to randomly select test locations, and to manage BER and SSI data collection.

Voyager consists of the following:

- A test radio connected to an antenna installed in a representative location on the test vehicle. The test radio will monitor transmissions from the fixed network radio sites.
- A Global Positioning System (GPS) receiver, which will provide the computer with the location and speed of the test vehicle.
- A laptop computer with Voyager software and a mapping database, which includes highways and local streets.

The procedure for the portable subjective DAQ coverage test will be as follows:

- A subjective listening test will be performed for coverage acceptance testing, to verify talk-in and talk-out DAQ performance of the system. Please see Table 3-2 for the subjective DAQ roundtrip configuration.
- Talk-out and talk-in will both be required to pass for a test tile to pass.
- A fixed dispatch location will be established.
- To perform a statistically valid subjective DAQ test, a large group of people is required to ensure high confidence in the results. However, obtaining a large group of people for a subjective listening test is usually impractical; therefore, several (three to seven) people in a car or van must be used for the test. Since a group this small cannot provide statistically significant results, it is very important that the personnel participating in the subjective test be familiar with the sound of radio conversations. Before subjectively testing, all personnel who will evaluate audio quality must be "calibrated" by listening to examples of audio that pass and fail the subjective DAQ test.
- Prior to testing, the Town of Westport, DESPP, and Motorola Solutions will agree upon a procedure to allow each audio transmission, consisting of defined sentences that will be repeated for each outbound and inbound audio transmission, to be evaluated for approximately 5 seconds.
- The test participants will be divided into teams, each consisting of personnel from the Town of Westport, DESPP, and Motorola Solutions. Each team will have members that operate a portable radio in the field, and members that are stationed at the fixed dispatch location.
- As the field test team(s) drive through the coverage area, test locations within each test tile will be selected randomly by Voyager's GPS location indication. Voyager will be used to log the talk-in and talk-out pass/fail result as well as any pertinent notes for the location.
- At each test tile location, each field test team will initiate a talk-in voice call to the fixed dispatch location. Team members stationed at the fixed dispatch location will evaluate the talk-in audio quality of transmissions from each field test team, and will record his or her subjective pass/fail evaluation of the DAQ for the test tile. Team members stationed at the fixed dispatch location will respond to the field test team with a talk-out voice call. The field test team members will evaluate the talk-out audio quality of the transmission, and will record his or her subjective pass/fail evaluation of the DAQ for the test tile. Each team member will maintain a test log to record date, time, test tile reference and subjective pass/fail evaluation for each test tile location. Subjective pass/fail evaluation will be based on the DAQ descriptions in Table 3-1: DAQ Definitions. The determination of whether each test tile passes or fails the required DAQ value will be the majority vote of all team members' pass/fail subjective evaluations for that test tile. An odd number of team members is required to avoid ties for the pass/fail majority vote.
- Should any subjective DAQ test tile fail, a retry of the transmission will occur. Should the retry pass, the test tile will be considered a pass. If a retry should occur, it will be noted in the test log



notes for that test tile. All failed test tiles will be eligible for one retry from a different location within that test tile. If the retry passes, then that test tile will be considered a pass.

The procedure for collecting the portable informational objective BER and SSI will be as follows:

- The Voyager tool will be installed in the test vehicle, which will be driven over a route planned to cover the accessible tiles within the defined test area. Please see Figure 3-1: Portable CATP Test Radio Setup Diagram for the objective BER outbound configuration.
- During the coverage test, the laptop computer screen will display the vehicle's location on a map of the defined test area overlaid with the grid of test tiles. Voyager will automatically initiate measurements when the GPS receiver indicates that a test tile has been entered. The computer will provide a visual indication that a measurement has been completed in a test tile. Voyager will manage the coverage test data collection, and will store the outbound measurements for each tested tile for later analysis.

The procedure for the mobile objective BER coverage test will be as follows:

- The Voyager tool will be installed in the test vehicle, which will be driven over a route planned to cover the accessible test tiles within the defined test area. Please see Figure 3-2: Mobile CATP Test Radio Setup Diagram for the objective BER outbound configuration.
- During the coverage test, the laptop computer screen will display the vehicle's location on a map of the defined test area overlaid with the grid of test tiles. Voyager will automatically initiate measurements when the GPS receiver indicates that a test tile has been entered. The computer will provide a visual indication that a measurement has been completed in a test tile. Voyager will manage the coverage test data collection, and will store the outbound measurements for each tested tile for later analysis.
- Any test tile that fails the objective BER test described above will be re-tested using a subjective DAQ voice test. Any test tile that fails the objective BER test, but passes the subjective DAQ voice re-test will be declared passed.

The procedure for the mobile subjective DAQ voice re-test of failed BER test tiles (if needed) will be as follows:

- A subjective listening re-test will be performed on test tiles that fail the objective BER test, to verify talk-out DAQ performance of those test tiles.
- Talk-out will be evaluated.
- The radio system will be configured to continuously play a pre-recorded audio file containing male and female sentences connected to a CCGW patched to a dedicated TDMA talkgroup.
- A subjective DAQ voice re-test mobile radio installed in a representative location in each test vehicle, connected to a mobile antenna installed per the User Equipment Configuration in Table 3-2: Town of Westport Coverage Acceptance Test Summary, free of obstructions and not adjacent to other large objects or metallic items which would distort the antenna pattern, will monitor TDMA voice transmissions from the fixed network radio sites. See Figure 3-2: Mobile CATP Test Radio Setup Diagram for the subjective DAQ outbound configuration.
- Each test team will consist of personnel from the Town of Westport, DESPP, and Motorola Solutions. Each test team will have a member that operates the subjective DAQ voice re-test mobile radio.
- When a test team observes that a test tile fails the objective BER test described above, the test team will increase the volume on the subjective DAQ voice re-test mobile radio and listen to the continuous talk-out audio transmission in the failed test tile for the duration of time necessary to hear the two (2) pre-recorded phrases (approximately 5-7 seconds) while moving. Depending on where the roads lie within the test tile, it may be necessary for the test team to stop or turn around

- before performing the subjective DAQ voice re-test in order to ensure that the test is performed while in the failed BER test tile.
- The test team will evaluate the talk-out audio transmission to a minimum of DAQ 3.0, as described in Table 3-1: DAQ Definitions. The test team will record the subjective pass/fail evaluation of the talk-out audio transmission for the failed BER test tile.
  - Should any subjective DAQ voice re-test tile fail, the talk-out audio transmission will be reevaluated within the failed BER test tile. Should the reevaluation pass, the subjective DAQ voice re-test tile will be considered a pass. If a reevaluation should occur, it will be noted in the test log notes for that test tile.

### 3.2.5 CATP Documentation and Coverage Acceptance

During the coverage acceptance test, Voyager generates computer files that include the raw test data. A copy of this data will be provided to the Town of Westport and DESPP at the conclusion of the coverage test. Motorola Solutions will process this data to produce a map detailing the coverage test results, and to determine whether the coverage test was passed for the defined equipment configuration.

The coverage acceptance criterion for the defined equipment configuration will be that the voice radio system implemented by Motorola Solutions for the Town of Westport meets or exceeds the reliability stated in Table 3-2: Town of Westport Coverage Acceptance Test Summary for the defined equipment configuration. The system coverage acceptance criterion will be the successful passing of the defined equipment configuration defined in Table 3-2: Town of Westport Coverage Acceptance Test Summary.

Motorola Solutions reserves the right to review any test tiles that fail. If a coverage test, or a portion thereof, is suspected by Motorola Solutions to have failed due to external interference, those test tiles suspected of being affected by an interferer may be re-tested using the external Bird P/N JFCB0762T0860UF 762-860.5 MHz mobile filter installed between the BER test mobile radio and associated antenna and between the DAQ re-test mobile radio and associated antenna. If the test tiles re-tested are confirmed to have failed due to interference or external noise, those test tiles will be excluded from all acceptance calculations and Motorola Solutions will work with the Town of Westport and DESPP to identify potential solutions to the interference issues.

Motorola Solutions will conduct this Coverage Acceptance Test only once. If any portion of the test is determined to be affected by proven equipment malfunctions or failures, Motorola Solutions will repeat the portion of the test affected by the equipment malfunction or failure. The Town of Westport and DESPP will have the option to accept the coverage at any time prior to completion of the coverage test or documentation process.

Motorola Solutions will submit to the Town of Westport and DESPP a report detailing the coverage test results. This report will include a document, which is to be signed by both the Town of Westport and Motorola Solutions, indicating the test was performed in accordance with this CATP and the results of the test indicate the acceptance or non-acceptance of the coverage portion of the system.

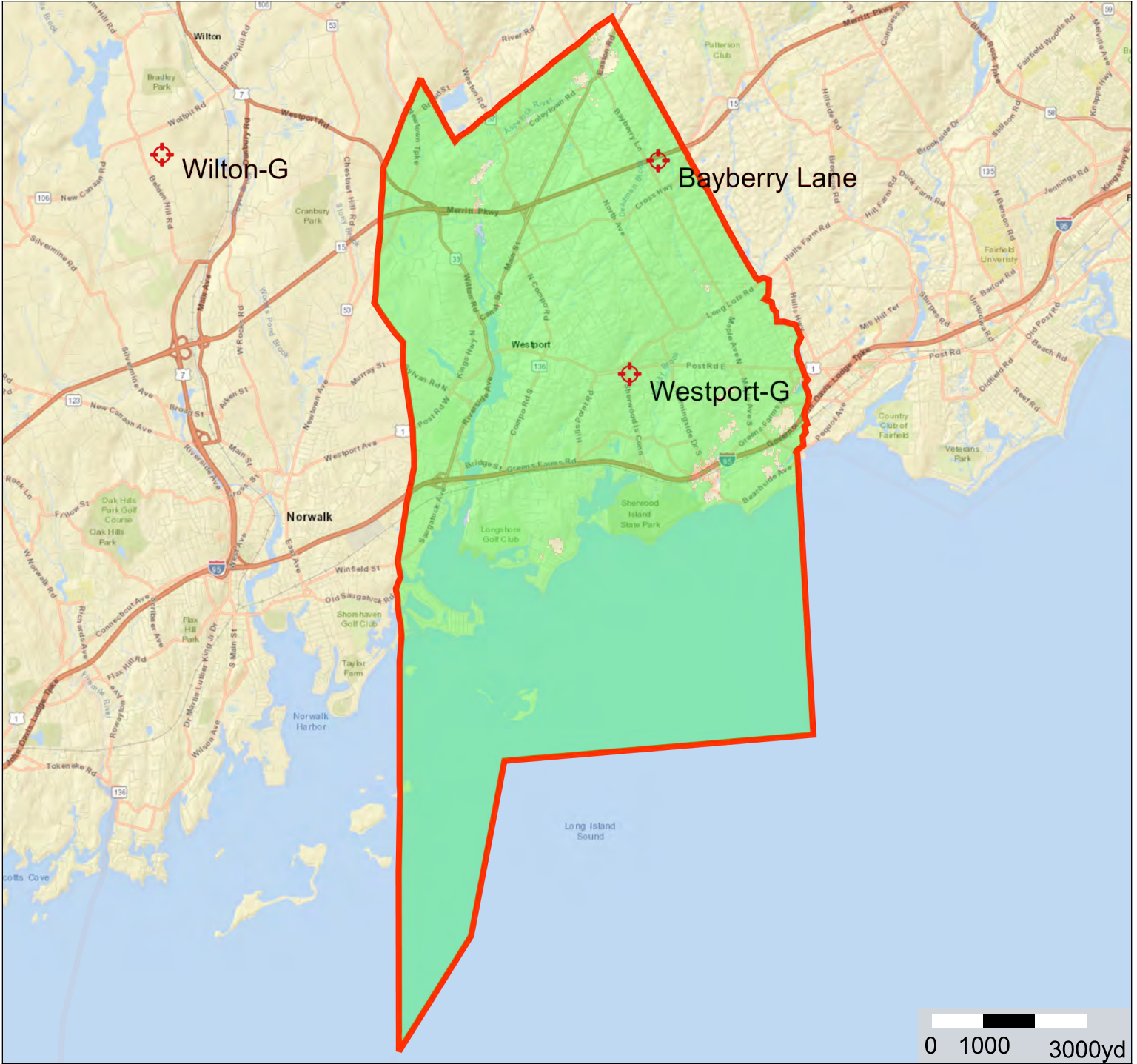
## 3.2.6 Coverage Maps

Motorola Solutions has provided coverage maps on the following pages in the order listed below:

1. REFERENCE 1 – CT DESPP Town of Westport Phase 2 TDMA Coverage, 95% Roundtrip Service Area Reliability, DAQ 3.4, APX 8000XE Portable in a 12 dB Building.
2. REFERENCE 2 – CT DESPP Troop G Phase 2 TDMA Coverage, 98% Outbound Service Area Reliability, DAQ 3.0, APX 6500 Mobile.




# CT Department of Emergency Services and Public Protection Town of Westport Phase 2 TDMA Coverage



Tiles © ArcGIS

Scale 1 : 10000

### Legend

 95% Roundtrip Service Area Reliability, DAQ 3.4, APX 8000 Portable in a 12 dB Building. Painted areas indicate where the highest reliable signaling will occur.

# REFERENCE 1

Existing DESPP Troop G 8-Site, 700/800 MHz Simulcast Coverage w/Bayberry Lane Add-On Site. Roundtrip to/from an APX 8000 Portable in a 12 dB Building w/Standard All-Band Antenna in a Swivel Case on the Hip with a Remote Speaker Microphone for Transmit and Receive.

Solution: Westport, CT

Project: Simulcast Site Add-On

Design: Design 15 TrpG Bayberry

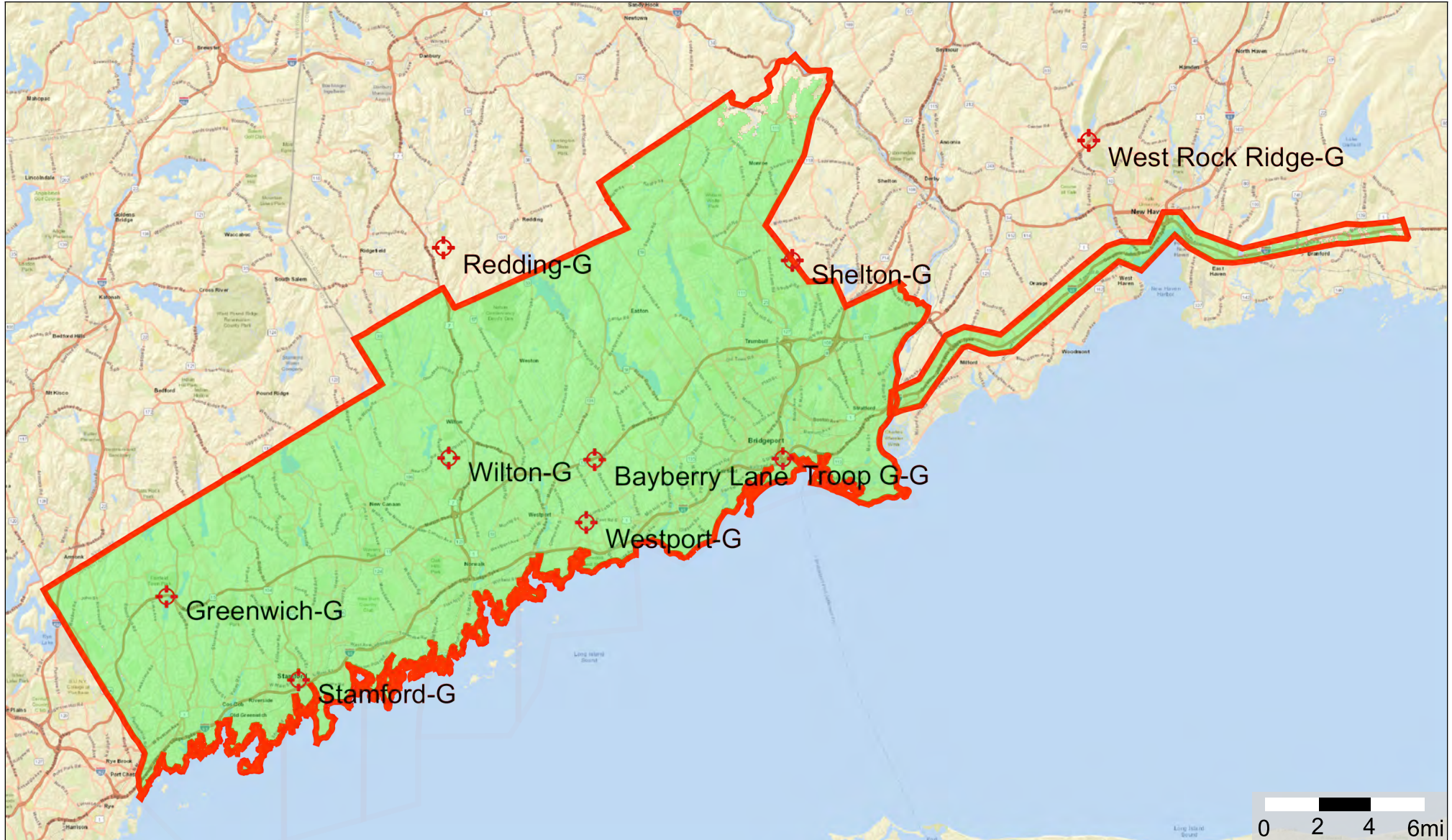
Job ID: 4882515215.1.Design 15 TrpG Bayberry System version: 20200804, N/A, 2.7.8

Printed: 8/07/2020



# CT Department of Emergency Services and Public Protection Troop G Phase 2 TDMA Coverage

## REFERENCE 2



Tiles © ArcGIS

Scale 1 : 330000

Existing DESPP Troop G 8-Site, 700/800 MHz Simulcast Coverage w/Bayberry Lane Add-On Site. Outbound to an APX 6500 Mobile w/Center Roof  
Mount Antenna installed according to prescribed installation standards.

Solution: Westport, CT

Project: Simulcast Site Add-On


Design: Design 16 Trp G Bayberry

Job ID: 3368070741.1.Design 16 Trp G Bayberry

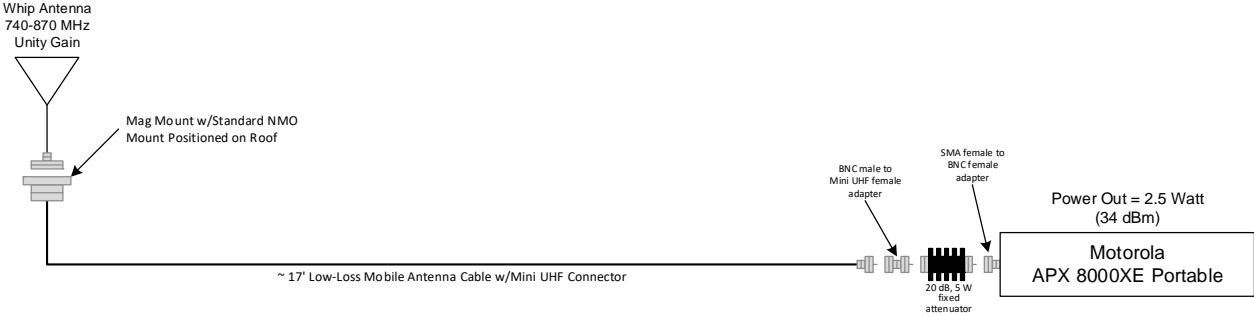
System version: 20200804, N/A, 2.7.8

Printed: 8/07/2020

### Legend

 98% Outbound Service Area Reliability, DAQ 3.0, APX 6500 Mobile. Painted areas indicate where the highest reliable signaling will occur.

### Subjective DAQ Round Trip Configuration



### Objective BER Outbound Configuration

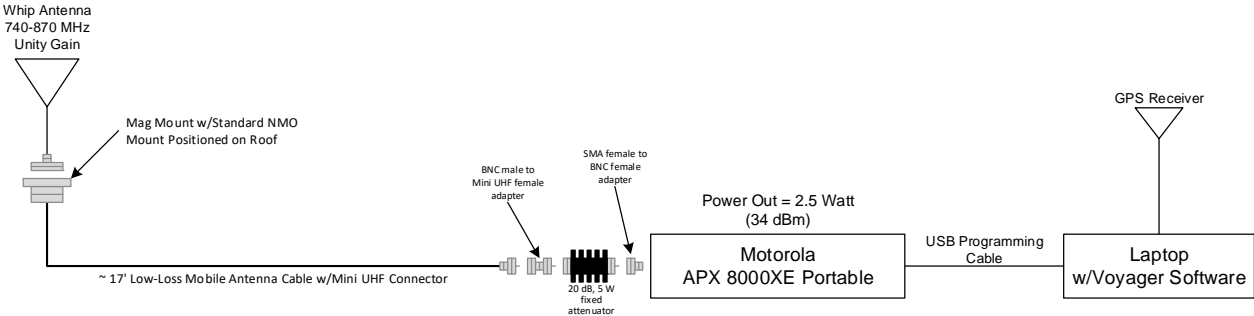
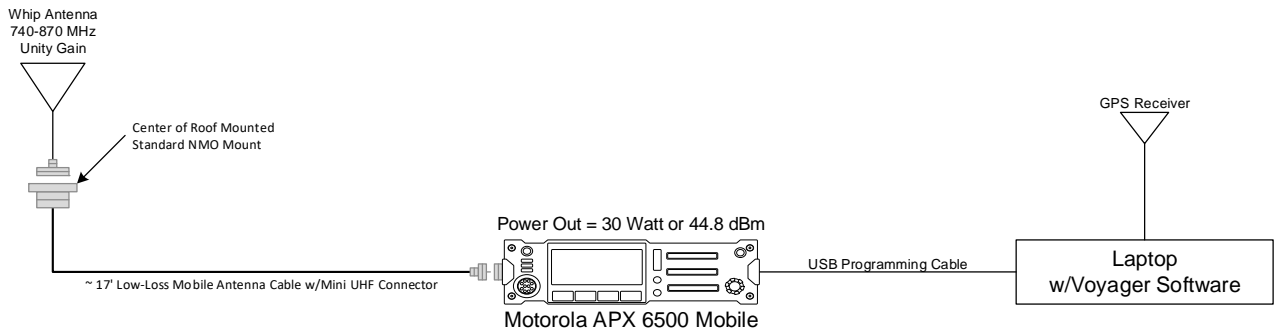


Figure 3-1: Portable CATP Test Radio Setup Diagram

### Objective BER Outbound Configuration



### Subjective DAQ Outbound Configuration

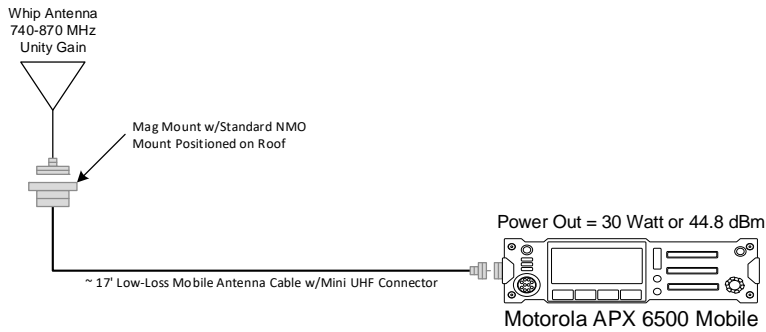


Figure 3-2: Mobile CATP Test Radio Setup Diagram



SECTION 4

# WARRANTY AND MAINTENANCE PLAN

Motorola Solutions has over 90 years of experience supporting mission critical communications for public safety and public service agencies. Motorola Solutions' technical and service professionals use a structured approach to life cycle service delivery and provide comprehensive maintenance and support throughout the life of the system. The value of support is measured by system availability, which is optimized through the use of proactive processes, such as preventive maintenance, fault monitoring and active response management. System availability is a function of having in place a support plan delivered by highly skilled support professionals, backed by proven processes, tools, and continuous training.

## 4.1 THE MOTOROLA SOLUTIONS SERVICE DELIVERY TEAM

### 4.1.1 Account Services Manager

Your Motorola Solutions Account Services Manager provides coordination of support resources to enhance the quality of service delivery and to ensure your satisfaction. The Account Services Manager (ASM) is responsible to oversee the execution of the Warranty and Service Agreement and ensure that Motorola Solutions meets its response and restoration cycle time commitments. The ASM will supervise and manage the Motorola Solutions Authorized Servicer's functions.

### 4.1.2 Motorola Solutions System Technologists

The Motorola Solutions System Technologists (ST) are available to assist Motorola Solutions' Authorized Servicers when needed for network health and operations.

### 4.1.3 Motorola Solutions System Support Center

Located in Schaumburg, Illinois, the System Support Center (SSC) is a key component to the overall management and system maintenance. As detailed in this Customer Support Plan, the following services are provided by the System Support Center:

- Network Monitoring.
- Dispatch Service.
- Infrastructure Repair.
- Technical Support.

### 4.1.4 Motorola Solutions Local Service Provider

Motorola Solutions' authorized service centers are staffed with trained and qualified technicians. They provide rapid response, repair, restoration, installations, removals, programming, and scheduled



preventive maintenance tasks for site standards compliance and RF operability. Motorola Solutions' authorized service centers are assessed annually for technical and administrative competency.

Motorola Solutions places great emphasis on ensuring that communications systems, such as the one proposed for the Town of Westport, meet high standards for design, manufacture, and performance. To enhance the value of the communications system being acquired, Motorola Solutions offers customized warranty and post-warranty services as outlined in this section.

## 4.2 WARRANTY SERVICES

The Motorola Warranty and Maintenance Program will provide the Town of Westport with comprehensive maintenance and support services during the warranty and post warranty of period. The system warranty will commence upon acceptance or beneficial use, whichever occurs first, not to exceed 18 months from date of shipment.

Please note that the warranty services are for the equipment proposed and do not include any existing equipment. Response and repair excludes third-party equipment not shipped by Motorola Solutions.

Please note that civil and site system components such as, but not limited to, Generators, Shelters, and Antenna Systems are only covered by their manufacturer's warranty. Any services provided by Motorola Solutions for these items will be considered above contract and will be billed on a Time and Materials basis.

### 4.2.1 Dispatch Service

Motorola Solutions' Dispatch Service ensures that trained and qualified technicians are dispatched to diagnose and restore your communications network. Following proven response and restoration processes, the local authorized service center in your area is contacted and a qualified technician is sent to your site. An automated escalation and case management process is followed to ensure that technician site arrival and system restoration comply with contracted response and restore times. Once the issue has been resolved, the System Support Center verifies resolution and with your approval, closes the case. Activity records are also available to provide a comprehensive history of site performance, issues, and resolution.

### 4.2.2 OnSite Infrastructure Response

Motorola Solutions OnSite Infrastructure Response provides local, trained and qualified technicians who arrive at your location to diagnose and restore your communications network. Motorola Solutions will provide the Town of Westport with the same level of service response and escalation procedures currently provided to CTS for its mission critical network in accordance with section 24 of the CTS master agreement.

### 4.2.3 Network Preventative Maintenance

Network Preventative Maintenance provides an operational test and alignment on your infrastructure or fixed network equipment to ensure that it meets original manufacturer's specifications. Trained technicians:

- Physically inspect equipment.
- Remove dust and foreign substances.

- Clean filters.
- Measure, record, align and adjust equipment to meet original manufacturer's specifications.

This service is performed based on a schedule agreed upon between you and Motorola Solutions. Network Preventative Maintenance proactively detects issues that may result in system malfunctions and operational interruptions.

#### **4.2.4 Infrastructure Repair**

Infrastructure Repair service provides for the repair of all Motorola Solutions-manufactured equipment, as well as equipment from third-party infrastructure vendors. All repair management is handled through a central location eliminating your need to send equipment to multiple locations.

Comprehensive test labs replicate your network in order to reproduce and analyze the issue. State-of-the-art, industry-standard repair tools enable our technicians to troubleshoot, analyze, test, and repair your equipment. Our ISO9001 and TL9000-certified processes and methodologies ensure that your equipment is quickly returned maintaining the highest quality standards.

Service agreements allow you to budget your maintenance costs on an annual basis. Equipment covered under service agreements also receives higher service priority, which results in quicker repair times.

#### **4.2.5 Technical Support Service**

Motorola Solutions Technical Support service provides an additional layer of support through centralized, telephone consultation for issues that require a high level of communications network expertise and troubleshooting capabilities. Technical Support is delivered by the System Support Center (SSC). The SSC is staffed with trained, skilled technologists specializing in the diagnosis and swift resolution of network performance issues. These technologists have access to a solutions database as well as in house test labs and development engineers. Technical Support cases are continuously monitored against stringent inbound call management and case management standards to ensure rapid and consistent issue resolution. Technical Support service translates into measurable, customer-specific metrics for assured network performance and system availability.

#### **4.2.6 Network Monitoring Service**

Network Monitoring Service can help keep your network at optimum availability so it is ready to serve mission critical communications needs. By watching over the network continuously, Network Monitoring Service takes action whenever needed, and resolves network problems. We often intervene and correct the problem before you even know a problem exists. Network Monitoring Service provides improved productivity and enhanced network performance, which in turn helps to increase your technology Return-On-Investment.

Using a combination of network monitoring software, automated alerts, and remote diagnostics inquiries, our System Support technologists actively monitor your network to maximize network uptime and overall preparedness...for the expected and unexpected. Upon receiving an alert, our team immediately performs a series of diagnostics to assess the problem. Often the situation can be resolved remotely, but when additional attention is required, local field technicians are dispatched immediately to your site to achieve restoration.



Motorola Solutions’ Network Monitoring service is a vital component of an intelligent communication support plan that keeps your business operating smoothly, your costs down, and assures maximum preparedness at all times.

Specifically, Network Monitoring Service provides:

- Improved network availability.
- Remote and timely resolution to minimize downtime.
- Cost efficiencies.
- Optimize time at site due to assessment and knowledge transfer before dispatch.
- Minimize unnecessary trips to site.
- Detailed Reports.

## 4.2.7 System Upgrade Agreement II (Required for CT DESPP Core Connected Equipment)

The Motorola Solutions System Upgrade Agreement II (SUA II) is a complete package of hardware, software and implementation services required to update the ASTRO 25 system up to one upgrade in a two-year period.

Updates to OEM components ensure availability of repair services support and may also provide increased capacity and processing speed. Regular updates enable system expansion (i.e., expansion of RF sites, dispatch positions, data sub-systems, and network management positions). Professional implementation services guarantee live system upgrades are performed with minimal interruption to system operation and with minimal reliance on owner resources. Motorola Solutions SUA II ensures your system continues to perform at the highest level of operation, allows for expansion and feature enhancement, and maximizes the lifespan of the investment. For owners committed to upgrading their system on a regular basis, SUA II provides a consistent, budgeted solution that delivers complete coverage.

**Table 4-1: Included Features**

	SUA II
Minor Release (patch release)	✓
Major Release (system release)	✓
Implementation Services	✓
Major upgrade in a 2-year period <sup>1</sup>	✓
Hardware Refresh <sup>2</sup>	✓

<sup>1</sup> As major system releases become available, Motorola Solutions agrees to provide the system owner with the software, hardware and implementation services required to execute up to one system infrastructure upgrade in a two-year period for their ASTRO 25 system.

<sup>2</sup> Hardware refresh includes version updates and/or replacements for Motorola Solutions field replaceable units (FRU) and third-party networking and computing hardware. Note that replacement of Gold Elite consoles and QUANTAR base radios are not included in this refresh.

- Minor releases may include commercial operating system (OS) and application security updates, patches and service pack updates for Microsoft Windows and Server OS, Red Hat Linux, Sun Solaris and any Motorola Solutions software service packs that may be available.

- Major releases include commercial OS and application software updates as well as Motorola Solutions system release software to improve the system functionality and operation from previous releases as well as significant new feature enhancements that are available for purchase.
- Implementation services include all in-house and on-site resources to implement and test the major release update.

### 4.3 POST WARRANTY SERVICES

As Motorola Solutions’ continuing commitment to supporting your system, warranty services can be extended after the first year to provide maintenance and service support in future years. Any of the services that we identify can be customized in future years, and are available for purchase either in “System Support Services” packages or as individual service offerings. These system support services significantly benefit the Town of Westport because the system can be effectively supported after the warranty period, thereby maximizing the operational capabilities and useful life of the system and protecting your investment in the system.

Post-warranty support is an optional cost, but required for CT DESPP Core connected equipment in order to provide for system wide maintenance of all sites and components.

### 4.4 SUMMARY

Whether it’s a routine service call, or a disaster situation, Motorola Solutions understands its responsibility and takes pride in its commitment to deliver proven response service to the public safety community. Motorola Solutions has the capability to provide the technical, administrative, consultative, and maintenance repair services needed to support, enhance, and maintain the effectiveness of your communications network. Motorola Solutions’ goal is to provide the Town of Westport with the qualified resources, to maintain and improve system operation and availability, and to deliver world-class service support.

Warranty and Post Warranty Service support services to be delivered are outlined in Table 4-2.

**Table 4-2: Warranty and Post Warranty Service Overview**

Warranty and Post Warranty Service Overview	Warranty Year	Post Warranty Years 2-7
Dispatch Service	✓	✓
OnSite Infrastructure Response	✓	✓
Network Preventative Maintenance	✓	✓
Infrastructure Repair	✓	✓
Technical Support Service	✓	✓
Network Monitoring Service	✓	✓
System Upgrade Agreement (SUA/SUA II)		✓

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SECTION 5

# PRICING

## 5.1 PRICING SUMMARY

Attached is a detailed pricing summary and post-warranty services pricing.



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<b>Town of Westport -- Summary Pricing</b>		
<b>Description</b>	<b>Price</b>	<b>Total Price</b>
<b>Infrastructure and Consoles Equipment:</b>		
Infrastructure Equipment	\$ 873,695	
Consoles	\$ 478,095	
Subscribers	\$ 2,966,750	
<b>Total Infrastructure &amp; Console Equipment Cost:</b>		<b>\$ 4,318,540</b>
<b>System Integration Services - Infrastructure:</b>		
Infrastructure Installation and Removal Services	\$ 184,882	
Civil Installation Services (RF Site Antennas, Electrical work, Permits as per Civil Section)	\$ 270,029	
Bayberry allowance for platform modifications	\$ 15,000	
Wilton Tower Remediation - Steel Allowance only	\$ 107,143	
Microwave installation & Optimization	\$ 273,952	
Project Management, Engineering, System Technologist & Staging	\$ 255,481	
CATP - Subjective Test (Within the Town and Troop Wide)	\$ 87,923	
<b>Total Infrastructure Services:</b>		<b>\$ 1,194,410</b>
<b>System Integration Services - Consoles</b>		
Installation, programming , optimization	\$ 283,701	
<b>Total Console Services:</b>		<b>\$ 283,701</b>
<b>System Integration Services - Subscribers</b>		
Removal, Installation & Programming for mobiles, portables and control stations	\$ 227,718	
<b>Total Subscriber Services:</b>		<b>\$ 227,718</b>
<b>System Integration Services - Additional:</b>		
Above Standard Warranty Services: Warranty 24X7, Network Monitoring	\$ 5,311	
Frequency Coordination and APCO Fees -- 12 NPSAC channels, 1 Site	\$ 24,600	
Training Allowance	\$ 6,818	
<b>Total Additional Services:</b>		<b>\$ 36,729</b>
<b>Total Equipment &amp; System Integration Costs</b>		<b>\$ 6,061,098</b>
<b>Total Equipment &amp; System Integration Costs without Consoles:</b>		<b>\$ 5,299,302</b>
State Tie-In Discount (FNE, Subscribers & Consoles) <sup>1</sup>		<b>(\$1,788,024)</b>
State Tie-In Discount (FNE & Subscribers without Consoles) <sup>2</sup>		<b>(\$1,563,294)</b>
<b>Grand Total After Incentives (FNE, Subscribers &amp; Consoles)</b>		<b>\$ 4,273,074</b>
<b>Grand Total After Incentives without Consoles</b>		<b>\$ 3,736,008</b>

Note <sup>1</sup>: Pricing assumes purchase of site equipment, consoles and subscribers as proposed. Discount percentage is based upon the purchase of the quantities and specific portfolio purchases as described in this proposal. Motorola reserves the right to adjust the discount percentage should there be any changes to the equipment mix.

Note <sup>2</sup> This State tie-in discount was left at the 29.5% assuming that any consoles removed in this proposal were purchased previously through the joint Westport / Fairfield Dispatch project. If not then discounts will be reduced by 2.5% This will result in adjusted prices for FNE, Subscribers & Console at \$4,341,131 and adjusted prices without consoles of \$3,785,020

Note <sup>3</sup> Additional coverage enhancements -- Should the town desire to budget for additional coverage enhancements in case required, an estimate for a bi-directional amplifier (BDA) can be in the range of \$150- 250K each.

Post Warranty Services

RF Site

	Warranty	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 2-7 Total
Maint	Included	\$25,974.49	\$26,753.73	\$27,556.34	\$28,382.54	\$29,234.36	\$30,112.03	\$168,013.49
SUA II	NA	\$9,714.68	\$9,729.38	\$9,744.52	\$9,760.11	\$9,776.18	\$9,792.74	\$58,517.61
Total	Included	\$35,689.17	\$36,483.11	\$37,300.86	\$38,142.65	\$39,010.54	\$39,904.77	\$226,531.10

Consoles

	Warranty	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 2-7 Total
Maint	Included	\$14,941.41	\$15,389.64	\$15,851.33	\$16,326.47	\$16,816.55	\$17,321.05	\$96,646.45
SUA II	NA	\$10,182.84	\$10,203.04	\$10,223.84	\$10,245.25	\$10,267.33	\$10,575.35	\$61,697.65
Total	Included	\$25,124.25	\$25,592.68	\$26,075.17	\$26,571.72	\$27,083.88	\$27,896.40	\$158,344.10

RF & Consoles

	Warranty	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 2-7 Total
Maint	Included	\$40,915.90	\$42,143.37	\$43,407.67	\$44,709.01	\$46,050.91	\$47,433.08	\$264,659.94
SUA II	NA	\$19,897.52	\$19,932.42	\$19,968.36	\$20,005.36	\$20,043.51	\$20,368.09	\$120,215.26
Total	Included	\$60,813.42	\$62,075.79	\$63,376.03	\$64,714.37	\$66,094.42	\$67,801.17	\$384,875.20

Pricing for above assumes appropriate cost figures are included with contract PO for full 6 years after warranty is provided with payment terms of Annually in advance

## 5.2 DETAILED STATE CONTRACT PRICING

Attached is the detailed state contract pricing.



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				Detailed Pricing					
				Infrastructure					
Location	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
License	Master	1	SQM01SUM0323	ASTRO MASTER SITE	\$0.00	\$0.00	20%	\$0.00	\$0.00
License	Expand	1	CA03517AB	ADD: CORE EXPANSION	\$0.00	\$0.00	20%	\$0.00	\$0.00
License	FDMA Site	1	UA00153AB	ADD: P25 FDMA TRUNKING OPERATION SITE	\$30,000.00	\$30,000.00	20%	\$24,000.00	\$24,000.00
License	TDMA Site	1	UA00159AB	ADD: P25 PHASE 2 TDMA TRKNG OP SITE LIC	\$30,000.00	\$30,000.00	20%	\$24,000.00	\$24,000.00
License	TDMA Base	9	UA00161AA	ADD: P25 PHASE 2 TDMA SW BASE RADIO LIC	\$3,000.00	\$27,000.00	20%	\$2,400.00	\$21,600.00
License	Radio User	1	UA00152AA	ADD:500 RADIO USER LICENSES	\$7,500.00	\$7,500.00	20%	\$6,000.00	\$6,000.00
License	Radio Alias	1	UA00700AA	ADD: GROUP SERVICES	\$10,000.00	\$10,000.00	20%	\$8,000.00	\$8,000.00
License	G-Series	1	T8343	GSERIES SOFTWARE LICENSING	\$0.00	\$0.00	20%	\$0.00	\$0.00
License	BRTNKMSIP	12	UA00400AA	ADD: GSERIES BR-P25 TRNK MS IP	\$0.00	\$0.00	15%	\$0.00	\$0.00
License	Genesis	1	TT2266	GENWATCH3 ATIA ADD-ON	\$0.00	\$0.00	15%	\$0.00	\$0.00
License	APM	1	TT05722AA	ADV PWR MONITOR ADD CONN	\$264.00	\$264.00	25%	\$198.00	\$198.00
License	RM	1	T7914	RADIO MANAGEMENT ONLINE	\$0.00	\$0.00	0%	\$0.00	\$0.00
License	RM	330	UA00049AA	ADD: RADIO MANAGEMENT LICENSES ONLINE	\$100.00	\$33,000.00	10%	\$90.00	\$29,700.00
License	UNS	1	T8108	UNS RESOURCE EXPANSIONS	\$0.00	\$0.00	0%	\$0.00	\$0.00
License	UNS	1	CA03096AA	ADD: ADDITIONAL RESOURCES TO AN EXISTING SERVICE	\$0.00	\$0.00	0%	\$0.00	\$0.00
License	UNS	4	UA00058AA	ADD: 0-100 RESOURCES FOR PRESENCE	\$2,160.00	\$8,640.00	0%	\$2,160.00	\$8,640.00
License	UNS	4	UA00296AA	ADD: 0-100 RESOURCES FOR GROUP MANAGEMENT	\$17,280.00	\$69,120.00	86%	\$2,400.00	\$9,600.00
Bayberry	Site Gtwy	1	T8547	SITE ROUTER & FIREWALL- DC	\$1,100.00	\$1,100.00	15%	\$935.00	\$935.00
Bayberry	Site Gtwy	1	CA03445AA	ADD: MISSION CRITICAL HARDENING	\$3,300.00	\$3,300.00	15%	\$2,805.00	\$2,805.00
Bayberry	Site Gtwy	1	CA03448AA	ADD: STATEFUL FIREWALL	\$1,000.00	\$1,000.00	15%	\$850.00	\$850.00
Bayberry	Site LANSW	1	CLN1868	2930F 24-PORT SWITCH	\$2,500.00	\$2,500.00	15%	\$2,125.00	\$2,125.00
Bayberry	700 ESS	1	SQM01SUM7054	GTR 8000 EXPANDABLE SITE SUBSYSTEM	\$6,000.00	\$6,000.00	20%	\$4,800.00	\$4,800.00
Bayberry	700 ESS	1	CA00717AA	ADD: ASTRO SYSTEM RELEASE 7.17	\$0.00	\$0.00	20%	\$0.00	\$0.00
Bayberry	700 ESS	1	CA00855AA	ADD: 700/800 MHZ	\$6,300.00	\$6,300.00	20%	\$5,040.00	\$5,040.00
Bayberry	700 ESS	1	X306AC	ADD: QTY (6) GTR 8000 BASE RADIOS	\$35,400.00	\$35,400.00	20%	\$28,320.00	\$28,320.00
Bayberry	700 ESS	6	CA01193AA	ADD: IP BASED MULTISITE BASE RADIO SOFTWARE	\$25,500.00	\$153,000.00	20%	\$20,400.00	\$122,400.00
Bayberry	700 ESS	1	CA02686AA	ADD: AC DC POWER DISTRIBUTION	\$0.00	\$0.00	20%	\$0.00	\$0.00
Bayberry	700 ESS	3	CA01842AA	ADD: P25 TDMA SOFTWARE	\$13,000.00	\$39,000.00	20%	\$10,400.00	\$31,200.00
Bayberry	700 ESS	1	CA01943AA	ADD:2ND BRANCH DIVERSITY	\$700.00	\$700.00	20%	\$560.00	\$560.00
Bayberry	700 ESS	1	CA00862AA	ADD: SITE & CABINET RMC W/CAPABILITY OF 7-24 BRS	\$2,100.00	\$2,100.00	20%	\$1,680.00	\$1,680.00
Bayberry	700 ESS	1	CA00879AA	ADD: PRIMARY 6 PORT CAVITY COMBINER	\$8,400.00	\$8,400.00	20%	\$6,720.00	\$6,720.00
Bayberry	700 ESS	1	CA00881AA	ADD: 700 + 800 MHZ DIPLEXER W/PMU	\$1,000.00	\$1,000.00	20%	\$800.00	\$800.00
Bayberry	700 ESS	2	CA00884AA	ADD: QTY (1) XHUB	\$3,500.00	\$7,000.00	20%	\$2,800.00	\$5,600.00
Bayberry	700 ESS	1	X882AH	ADD: 7.5 FT OPEN RACK, 48RU	\$495.00	\$495.00	20%	\$396.00	\$396.00
Bayberry	800 ESS	1	SQM01SUM7054	GTR 8000 EXPANDABLE SITE SUBSYSTEM	\$6,000.00	\$6,000.00	20%	\$4,800.00	\$4,800.00
Bayberry	800 ESS	1	CA00717AA	ADD: ASTRO SYSTEM RELEASE 7.17	\$0.00	\$0.00	20%	\$0.00	\$0.00
Bayberry	800 ESS	1	CA00855AA	ADD: 700/800 MHZ	\$6,300.00	\$6,300.00	20%	\$5,040.00	\$5,040.00
Bayberry	800 ESS	1	X306AC	ADD: QTY (6) GTR 8000 BASE RADIOS	\$35,400.00	\$35,400.00	20%	\$28,320.00	\$28,320.00
Bayberry	800 ESS	6	CA01193AA	ADD: IP BASED MULTISITE BASE RADIO SOFTWARE	\$25,500.00	\$153,000.00	20%	\$20,400.00	\$122,400.00
Bayberry	800 ESS	1	CA02686AA	ADD: AC DC POWER DISTRIBUTION	\$0.00	\$0.00	20%	\$0.00	\$0.00

Location	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
Bayberry	800 ESS	6	CA01842AA	ADD: P25 TDMA SOFTWARE	\$13,000.00	\$78,000.00	20%	\$10,400.00	\$62,400.00
Bayberry	800 ESS	1	CA01943AA	ADD:2ND BRANCH DIVERSITY	\$700.00	\$700.00	20%	\$560.00	\$560.00
Bayberry	800 ESS	1	CA00877AA	ADD: CABINET RMC FOR EXPANSION RACK	\$600.00	\$600.00	20%	\$480.00	\$480.00
Bayberry	800 ESS	1	CA00880AA	ADD: EXPANSION 6 PORT CAVITY COMBINER	\$8,400.00	\$8,400.00	20%	\$6,720.00	\$6,720.00
Bayberry	800 ESS	1	CA01059AA	ADD: EXPAN RCK DIPLXR EXTEN CABLE	\$100.00	\$100.00	20%	\$80.00	\$80.00
Bayberry	800 ESS	2	CA00884AA	ADD: QTY (1) XHUB	\$3,500.00	\$7,000.00	20%	\$2,800.00	\$5,600.00
Bayberry	800 ESS	1	X882AH	ADD: 7.5 FT OPEN RACK, 48RU	\$495.00	\$495.00	20%	\$396.00	\$396.00
Bayberry	Rack Hrdwr	8	0784469Y02	BRKT, CBL SUPPORT	\$110.00	\$880.00	25%	\$82.50	\$660.00
Bayberry	Rack Hrdwr	2	3182602Y06	GROUNDING BUS BAR	\$97.50	\$195.00	25%	\$73.13	\$146.25
Bayberry	Rack Hrdwr	20	0309660A01	SCREW 12-24X5/8 SLTXW CRS ZINC	\$15.50	\$310.00	25%	\$11.63	\$232.50
Bayberry	MOSCAD	1	F4544	SITE MANAGER ADVANCED	\$3,000.00	\$3,000.00	10%	\$2,700.00	\$2,700.00
Bayberry	MOSCAD	1	VA00872	ADD: SDM ASTRO RTU FW CURR ASTRO REL	\$1,850.00	\$1,850.00	10%	\$1,665.00	\$1,665.00
Bayberry	MOSCAD	1	VA00905	ADD:24/48 VDC PS TO SM	\$120.00	\$120.00	10%	\$108.00	\$108.00
Bayberry	MOSCAD	3	V592	AAD TERM BLCK & CONN WI	\$90.00	\$270.00	10%	\$81.00	\$243.00
Bayberry	MOSCAD	1	T7955	SDM3000 ALL CONFIGURATION SOFTWARE AND FIRMWARE TO CURRENT VERSION	\$0.00	\$0.00	10%	\$0.00	\$0.00
Bayberry	MOSCAD	1	CA02404AA	ADD: SDM3000 CONFIGURATION SOFTWARE AND FIRMWARE RECOVERY DVD	\$25.00	\$25.00	10%	\$22.50	\$22.50
Bayberry	TRAK	1	DSTRAK91009EDC	REMOTE SITE REDUNDANT MODULAR FREQUENCY TIMING SYSTEM DC	\$34,130.00	\$34,130.00	15%	\$29,010.50	\$29,010.50
Bayberry	TRAK	1	DSTRAK91061	FOUR PORT DDM	\$868.00	\$868.00	15%	\$737.80	\$737.80
Bayberry	TRAK	50	DSFSJ150ACABLE	FSJ1-50A CABLE: 1/4" SUPERFLEX POLY JKT PER FOOT	\$1.75	\$87.50	10%	\$1.58	\$78.75
Bayberry	TRAK	4	DDN9769	F1TNM-HC 1/4" TYPE N MALE CONNECTOR FOR FSJ1-50A CABLE	\$20.00	\$80.00	10%	\$18.00	\$72.00
Bayberry	DCPowerSys	1	DSTPS2084500003	FP216 -48/300 2 BC32 R3 4T2 4BW7, SP2 TRILOGY WITH RELAY RACK, BATT TR	\$11,589.00	\$11,589.00	10%	\$10,430.10	\$10,430.10
Bayberry	DCPowerSys	7	DS241115105	RECTIFIER, FLATPACK 2 48/2000 HE	\$860.00	\$6,020.00	10%	\$774.00	\$5,418.00
Bayberry	DCPowerSys	1	DS236408	BLIND PANEL FP2 HE BLACK G1	\$27.00	\$27.00	10%	\$24.30	\$24.30
Bayberry	DCPowerSys	1	DSBARA0004400000	23IN X 7FT OPEN BATTERY RACK, 4EA- BATT TRAYS AND 220A DISCONNECTS	\$7,713.00	\$7,713.00	10%	\$6,941.70	\$6,941.70
Bayberry	DCPowerSys	7	DS264814	BATT KIT ENERSYS 12V190F 48V 1BANK	\$3,317.00	\$23,219.00	10%	\$2,985.30	\$20,897.10
Bayberry	DCPowerSys	1	DS331007	MEDIA INVERTER 2I 1PH W/NEMA SOCKET 48VDC/120VAC	\$3,145.00	\$3,145.00	10%	\$2,830.50	\$2,830.50
Bayberry	DCPowerSys	2	DS275843	INVERTER, 1.5KVA, 120VAC, 48VDC INVERTER MOD	\$1,525.00	\$3,050.00	10%	\$1,372.50	\$2,745.00
Bayberry	DCPowerSys	1	DS083E50266600	BRKR 100A SINGLE POLE (ONE PANEL POSITION).	\$38.00	\$38.00	10%	\$34.20	\$34.20
Bayberry	DCPowerSys	3	DS502650	1 AMP CIRCUIT BREAKER	\$38.00	\$114.00	10%	\$34.20	\$102.60
Bayberry	DCPowerSys	1	DS083E27487500	3A BIRCUIT BREAKER, SINGLE POLE, ONE PANEL POSITION	\$38.00	\$38.00	10%	\$34.20	\$34.20
Bayberry	DCPowerSys	4	DS0831061408	CIRCUIT BREAKER 5A SINGLE POLE	\$38.00	\$152.00	10%	\$34.20	\$136.80
Bayberry	DCPowerSys	4	DS083E50266400	BRKR 80A SINGLE POLE (ONE PANEL POSITION).	\$38.00	\$152.00	10%	\$34.20	\$136.80
Bayberry	AC Surge	1	DSAPEXIMAX808	SPD, TYPE 2A, 120/240VAC 1-PHASE NEMA 4X ENCLOSURE, SAD/MOV	\$2,266.00	\$2,266.00	10%	\$2,039.40	\$2,039.40
Bayberry	TXAnt	1	DSDS7C09P36UD	DS7C09P36U-D, 764-869MHZ SINGLE 9DB GAIN OMNI WITH DIN	\$4,013.00	\$4,013.00	10%	\$3,611.70	\$3,611.70
Bayberry	TXAntJump	15	DSLDF450ACABLE	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT	\$2.50	\$37.50	10%	\$2.25	\$33.75
Bayberry	TXAntJump	2	DDN1090	L4TDM-PSA 7-16 DIN MALE PS FOR 1/2 IN CABLE	\$17.75	\$35.50	10%	\$15.98	\$31.95
Bayberry	TXLine	210	DSAVA750	AVA7-50 CABLE: 1 5/8" AVA HELIAX POLY JKT PER FOOT	\$10.00	\$2,100.00	10%	\$9.00	\$1,890.00
Bayberry	TXLine	2	DDN9383	AL7DF-PSA 1-5/8" 7-16 DIN FEMALE POSITIVE STOP CONNECTOR	\$112.00	\$224.00	10%	\$100.80	\$201.60
Bayberry	TXSurge	1	DSTXDFMBF	RF SPD, 698-2700MHZ DC BLOCK HIGH PWR, DIN FEM/MALE BI-DIR W/ BRACKET	\$130.00	\$130.00	10%	\$117.00	\$117.00
Bayberry	TXSurgeJmp	25	DSLDF250CABLE	LDF2-50 CABLE: 3/8" LDF HELIAX POLY JKT PER FOOT	\$3.55	\$88.75	10%	\$3.20	\$79.88
Bayberry	TXSurgeJmp	2	DSL2TDMPL	3/8" 7-16 DIN MALE POSITIVE LOCK STRAIGHT CONNECTOR	\$25.25	\$50.50	10%	\$22.73	\$45.45
Bayberry	APM	1	DSAPM7487K248	ADVANCED POWER MONITOR, 740-870 MHZ, 36-60V DC (INC SINGLE COUPLER)	\$5,870.00	\$5,870.00	10%	\$5,283.00	\$5,283.00

Location	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
Bayberry	APMJump	1	3084921Y04	CBL,ASSY,COAX,0.65ML,7/16 PLUG	\$96.75	\$96.75	20%	\$77.40	\$77.40
Bayberry	APMJump	20	DSFSJ150ACABLE	CABLE: 1/4" SUPERFLEX POLY JKT PER FOOT	\$1.75	\$35.00	10%	\$1.58	\$31.50
Bayberry	APMJump	4	DDN9769	F1TNM-HC 1/4" TYPE N MALE CONNECTOR FOR FSJ1-50A CABLE	\$20.00	\$80.00	10%	\$18.00	\$72.00
Bayberry	RXAnt1	1	DSDS7C09P36UD	DS7C09P36U-D, 764-869MHZ SINGLE 9DB GAIN OMNI WITH DIN	\$4,013.00	\$4,013.00	10%	\$3,611.70	\$3,611.70
Bayberry	RXAntJump1	15	DSLDF450ACABLE	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT	\$2.50	\$37.50	10%	\$2.25	\$33.75
Bayberry	RXAntJump1	1	DDN1090	L4TDM-PSA 7-16 DIN MALE PS FOR 1/2 IN CABLE	\$17.75	\$17.75	10%	\$15.98	\$15.98
Bayberry	RXAntJump1	1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE	\$17.75	\$17.75	10%	\$15.98	\$15.98
Bayberry	RXAnt2	1	DSDS7C09P36UD	DS7C09P36U-D, 764-869MHZ SINGLE 9DB GAIN OMNI WITH DIN	\$4,013.00	\$4,013.00	10%	\$3,611.70	\$3,611.70
Bayberry	RXAntJump2	15	DSLDF450ACABLE	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT	\$2.50	\$37.50	10%	\$2.25	\$33.75
Bayberry	RXAntJump2	1	DDN1090	L4TDM-PSA 7-16 DIN MALE PS FOR 1/2 IN CABLE	\$17.75	\$17.75	10%	\$15.98	\$15.98
Bayberry	RXAntJump2	1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE	\$17.75	\$17.75	10%	\$15.98	\$15.98
Bayberry	TTA	1	DS432F83W01T	TTA, DUAL DIVERSITY, 794-824MHZ,DUAL DIVERSITY,TOWER BOX,	\$9,522.00	\$9,522.00	10%	\$8,569.80	\$8,569.80
Bayberry	TTAJump1	10	DSLDF450ACABLE	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT	\$2.50	\$25.00	10%	\$2.25	\$22.50
Bayberry	TTAJump1	2	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE	\$17.75	\$35.50	10%	\$15.98	\$31.95
Bayberry	RXLine1	210	DSAVA750	AVA7-50 CABLE: 1 5/8" AVA HELIAX POLY JKT PER FOOT	\$10.00	\$2,100.00	10%	\$9.00	\$1,890.00
Bayberry	RXLine1	2	DDN9503	AL7NF-PSA 1-5/8" TYPE N FEMALE POSITIVE STOP CONNECTOR	\$178.00	\$356.00	10%	\$160.20	\$320.40
Bayberry	RXSurge1	1	DS1090501WA	RF SPD, 700-1000MHZ BROADBAND 15 VDC PASS NM ANT, NF EQUIP PIP, ASIG	\$168.00	\$168.00	10%	\$151.20	\$151.20
Bayberry	RXJump1	25	DSFSJ450BCABLE	FSJ4-50B CABLE: 1/2" SUPERFLEX POLY JKT PER FOOT	\$3.40	\$85.00	10%	\$3.06	\$76.50
Bayberry	RXJump1	2	DDN9682	F4PNMV2-HC 1/2" TYPE N MALE PLATED CONNECTOR	\$32.00	\$64.00	10%	\$28.80	\$57.60
Bayberry	TTAJump2	10	DSLDF450ACABLE	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT	\$2.50	\$25.00	10%	\$2.25	\$22.50
Bayberry	TTAJump2	2	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE	\$17.75	\$35.50	10%	\$15.98	\$31.95
Bayberry	RXLine2	210	DSAVA750	AVA7-50 CABLE: 1 5/8" AVA HELIAX POLY JKT PER FOOT	\$10.00	\$2,100.00	10%	\$9.00	\$1,890.00
Bayberry	RXLine2	2	DDN9503	AL7NF-PSA 1-5/8" TYPE N FEMALE POSITIVE STOP CONNECTOR	\$178.00	\$356.00	10%	\$160.20	\$320.40
Bayberry	RXSurge2	1	DS1090501WA	RF SPD, 700-1000MHZ BROADBAND 15 VDC PASS NM ANT, NF EQUIP PIP, ASIG	\$168.00	\$168.00	10%	\$151.20	\$151.20
Bayberry	RXJump2	25	DSFSJ450BCABLE	FSJ4-50B CABLE: 1/2" SUPERFLEX POLY JKT PER FOOT	\$3.40	\$85.00	10%	\$3.06	\$76.50
Bayberry	RXJump2	2	DDN9682	F4PNMV2-HC 1/2" TYPE N MALE PLATED CONNECTOR	\$32.00	\$64.00	10%	\$28.80	\$57.60
Bayberry	TestLine	210	DSLDF450ACABLE	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT	\$2.50	\$525.00	10%	\$2.25	\$472.50
Bayberry	TestLine	1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE	\$17.75	\$17.75	10%	\$15.98	\$15.98
Bayberry	TestLine	1	DDN1089	L4TNF-PSA TYPE N FEMALE PS FOR 1/2 IN CABLE	\$17.75	\$17.75	10%	\$15.98	\$15.98
Bayberry	TestSurge	1	DS1090501WA	RF SPD, 700-1000MHZ BROADBAND 15 VDC PASS NM ANT, NF EQUIP PIP, ASIG	\$168.00	\$168.00	10%	\$151.20	\$151.20
Bayberry	TestJump	25	DSFSJ150ACABLE	FSJ1-50A CABLE: 1/4" SUPERFLEX POLY JKT PER FOOT	\$1.75	\$43.75	10%	\$1.58	\$39.38
Bayberry	TestJump	2	DDN9769	F1TNM-HC 1/4" TYPE N MALE CONNECTOR FOR FSJ1-50A CABLE	\$20.00	\$40.00	10%	\$18.00	\$36.00
Bayberry	PreSelect	1	DSPF7982101831N2	BANDPASS FILTERS, TWO ON 1RU PANEL, RX, 18MHZ BW, RANGE 796-824MHZ	\$2,243.00	\$2,243.00	10%	\$2,018.70	\$2,018.70
Bayberry	PreJump	20	DSFSJ150ACABLE	CABLE: 1/4" SUPERFLEX POLY JKT PER FOOT	\$1.75	\$35.00	10%	\$1.58	\$31.50
Bayberry	PreJump	8	DDN9769	F1TNM-HC 1/4" TYPE N MALE CONNECTOR FOR FSJ1-50A CABLE	\$20.00	\$160.00	10%	\$18.00	\$144.00
Bayberry	TTA CU	1	DS432F83W01C48	ESS DUAL BRANCH MONITORING UNIT, 794-824MHZ,DUAL DIVERSITY,SNMP,48VDC	\$4,137.00	\$4,137.00	10%	\$3,723.30	\$3,723.30
Common	MW	1	DQMWWESTPORTRADIO	AVIAT WESTPORT 11 GHz MICROWAVE RADIOS 1.0	\$73,871.60	\$73,871.60	15%	\$62,790.86	\$62,790.86
Common	MW	1	DQMWWESTPORTINUE	AVIAT WESTPORT 11 GHz MICROWAVE INUE 2.0	\$25,814.60	\$25,814.60	15%	\$21,942.41	\$21,942.41
Common	MW	1	DQMWWESTPORTRACK	AVIAT WESTPORT 11 GHz MICROWAVE RACK 3.0	\$17,560.40	\$17,560.40	15%	\$14,926.34	\$14,926.34
Common	MW	1	DQMWWESTPORTSPARE	AVIAT WESTPORT 11 GHz MICROWAVE SPARE 4.0	\$22,541.20	\$22,541.20	15%	\$19,160.02	\$19,160.02
Common	MW	1	DQMWWESTPORTANT	AVIAT WESTPORT 11 GHz MICROWAVE ANTENNA 5.0	\$3,568.40	\$3,568.40	15%	\$3,033.14	\$3,033.14
Common	MW	1	DQMWWESTPORTWAVE	AVIAT WESTPORT 11 GHz MICROWAVE WAVEGUIDE 6.0	\$17,157.80	\$17,157.80	15%	\$14,584.13	\$14,584.13

Location	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
Common	MW	1	DQMWWESTPORTDEHYD	AVIAT WESTPORT 11 GHz MICROWAVE DEHYDRATOR 7.0	\$7,779.20	\$7,779.20	15%	\$6,612.32	\$6,612.32
Common	MW	1	DQMWWESTPORTSERV	AVIAT WESTPORT 11 GHz MICROWAVE FACTORY SERVICE 8.0	\$6,329.40	\$6,329.40	15%	\$5,379.99	\$5,379.99
Spare	Ant	1	DS7C09P36UD	DS7C09P36U-D, 764-869MHZ SINGLE 9DB GAIN OMNI WITH DIN	\$4,013.00	\$4,013.00	10%	\$3,611.70	\$3,611.70
Spare	TTA	1	DS432F83W01T	TTA, DUAL DIVERSITY, 794-824MHZ,DUAL DIVERSITY,TOWER BOX,	\$9,522.00	\$9,522.00	10%	\$8,569.80	\$8,569.80
Spare	TTA CU	1	DS432F83W01C48	ESS DUAL BRANCH MONITORING UNIT, 794-824MHZ,DUAL DIVERSITY,SNMP,48VDC	\$4,137.00	\$4,137.00	10%	\$3,723.30	\$3,723.30
				<b>CT State A-99-001 Total</b>					<b>\$873,694.66</b>



				Detailed Pricing					
				Console					
Location	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
License	Master	1	SQM01SUM0323	ASTRO MASTER SITE	\$0.00	\$0.00	20%	0.00	\$0.00
License	Expand	1	CA03517AB	ADD: CORE EXPANSION	\$0.00	\$0.00	20%	0.00	\$0.00
License	ConsOps	2	UA00156AA	ADD: MCC7500 CONSOLE LICENSES (QTY 5)	\$5,000.00	\$10,000.00	20%	4,000.00	\$8,000.00
FD	Site Rtr	2	T8492	SITE ROUTER & FIREWALL- AC	\$875.00	\$1,750.00	15%	743.75	\$1,487.50
FD	Site Rtr	2	CA03445AA	ADD: MISSION CRITICAL HARDENING	\$3,300.00	\$6,600.00	15%	2,805.00	\$5,610.00
FD	Site Rtr	2	CA03448AA	ADD: STATEFUL FIREWALL	\$1,000.00	\$2,000.00	15%	850.00	\$1,700.00
FD	Site LANSW	2	CLN1868	2930F 24-PORT SWITCH	\$2,500.00	\$5,000.00	15%	2,125.00	\$4,250.00
FD	Site LANSW	2	CLN1866	FRU: 1M DAC CABLE	\$200.00	\$400.00	15%	170.00	\$340.00
FD	GCP8000	1	T7038	GCP 8000 SITE CONTROLLER	\$3,000.00	\$3,000.00	20%	2,400.00	\$2,400.00
FD	GCP8000	1	CA00719AA	ADD: ASTRO SYSTEM RELEASE 2019.2	\$0.00	\$0.00	20%	0.00	\$0.00
FD	GCP8000	1	CA00303AA	ADD: QTY (1) SITE CONTROLLER	\$2,500.00	\$2,500.00	20%	2,000.00	\$2,000.00
FD	GCP8000	1	CA01136AA	MCC 7500 CONVEN SITE OPER	\$6,500.00	\$6,500.00	20%	5,200.00	\$5,200.00
FD	GCP8000	1	X153AW	ADD: RACK MOUNT HARDWARE	\$50.00	\$50.00	20%	40.00	\$40.00
FD	CCGW	4	SQM01SUM0205	GGM 8000 GATEWAY	\$5,250.00	\$21,000.00	15%	4,462.50	\$17,850.00
FD	CCGW	4	CA02108AA	ADD: DIRECT SHIP (NO STAGING)	\$0.00	\$0.00	15%	0.00	\$0.00
FD	CCGW	4	CA01616AA	ADD: AC POWER	\$0.00	\$0.00	15%	0.00	\$0.00
FD	CCGW	4	CA02086AA	ADD: HIGH DENSITY ENH CONV GATEWAY	\$6,000.00	\$24,000.00	15%	5,100.00	\$20,400.00
FD	Aux IO	1	F4543	SITE MANAGER BASIC	\$1,855.00	\$1,855.00	10%	1,669.50	\$1,669.50
FD	Aux IO	1	VA00874	ADD: AUX I-O SERV FW CURR ASTRO REL	\$175.00	\$175.00	10%	157.50	\$157.50
FD	Aux IO	1	V266	ADD: 90VAC TO 260VAC PS TO SM	\$120.00	\$120.00	10%	108.00	\$108.00
FD	Aux IO	3	V592	AAD TERM BLCK & CONN WI	\$90.00	\$270.00	10%	81.00	\$243.00
FD	Aux IO	1	F4547	SM IO EXPANSION BASIC	\$900.00	\$900.00	10%	810.00	\$810.00
FD	Aux IO	1	V266	ADD: 90VAC TO 260VAC PS TO SM	\$120.00	\$120.00	10%	108.00	\$108.00
FD	Aux IO	3	V592	AAD TERM BLCK & CONN WI	\$90.00	\$270.00	10%	81.00	\$243.00
FD	Rack	1	TRN7343	SEVEN AND A HALF FOOT RACK	\$495.00	\$495.00	20%	396.00	\$396.00
FD	Rack Hrdwr	4	0784469Y02	BRKT, CBL SUPPORT	\$110.00	\$440.00	20%	88.00	\$352.00
FD	Rack Hrdwr	1	3182602Y06	GROUNDING BUS BAR	\$97.50	\$97.50	25%	73.13	\$73.13
FD	Rack Hrdwr	10	0309660A01	SCREW 12-24X5/8 SLTXW CRS ZINC	\$15.50	\$155.00	25%	11.63	\$116.25
FD	AC Edge	1	DS11011188	PDU, 120/240 SPLIT PH OR N+1 REDUNDANT, 60A MAX PER PHASE, SIX DEDICAT	\$2,790.00	\$2,790.00	10%	2,511.00	\$2,511.00
FD	AC Edge	12	DS3750297	BREAKER, 15 AMP, CB UL 489 LISTED FOR AC EDGE II (1101-1188)	\$62.00	\$744.00	10%	55.80	\$669.60
FD	Software	1	B1949	MCC 7500E SOFTWARE DVD	\$250.00	\$250.00	20%	200.00	\$200.00
FD	Software	1	T7449	WINDOWS SUPPLEMENTAL TRANS CONFIG	\$50.00	\$50.00	20%	40.00	\$40.00
FD	Software	3	T8742	MCAFEE FOR WINDOWS CLIENT, A2019.2	\$165.00	\$495.00	15%	140.25	\$420.75
FD	Op Pos	1	B1948	MCC 7500E DISPATCH POSITION LICENSES	\$0.00	\$0.00	20%	0.00	\$0.00
FD	Op Pos	3	UA00652AA	ADD: 160 RADIO RESOURCES LICENSE	\$18,820.00	\$56,460.00	20%	15,056.00	\$45,168.00
FD	Op Pos	3	UA00653AA	ADD: BASIC CONSOLE OPERATION	\$4,800.00	\$14,400.00	20%	3,840.00	\$11,520.00
FD	Op Pos	3	UA00654AA	ADD: ASTRO 25 TRUNKING OPERATION	\$6,000.00	\$18,000.00	20%	4,800.00	\$14,400.00

Location	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
FD	Op Pos	3	UA00655AA	ADD: ADVANCED CONVENTIONAL OPERATION	\$3,600.00	\$10,800.00	20%	2,880.00	\$8,640.00
FD	Op Pos	3	UA00658AA	ADD: SECURE OPERATION	\$3,900.00	\$11,700.00	20%	3,120.00	\$9,360.00
FD	Op Pos	3	UA00659AA	ADD: ADP/AES/DES-OFB ENCRYPTION	\$2,160.00	\$6,480.00	20%	1,728.00	\$5,184.00
FD	Op Pos	3	UA00660AA	ADD: OTEK OPERATION	\$4,020.00	\$12,060.00	20%	3,216.00	\$9,648.00
FD	Op Pos	3	UA00661AA	ADD: ENHANCED IRR	\$3,000.00	\$9,000.00	20%	2,400.00	\$7,200.00
FD	Op CPU	3	TT3492	Z2 G4 MINI WORKSTATION NON RETURNAB	\$2,500.00	\$7,500.00	15%	2,125.00	\$6,375.00
FD	Op CPU	1	DSF2B56AA	USB EXTERNAL DVD DRIVE	\$172.00	\$172.00	15%	146.20	\$146.20
FD	Op Mon	3	DSTG221B	TECH GLOBAL EVOLUTION SERIES 22INCH NON TOUCH	\$2,540.00	\$7,620.00	15%	2,159.00	\$6,477.00
FD	Op USB Hub	6	DSST7300U3M	STARTECH 7 PORT USB 3.0 HUB	\$93.00	\$558.00	15%	79.05	\$474.30
FD	Op Spkr	12	B1952	SPEAKER, DESKTOP, USB	\$485.00	\$5,820.00	20%	388.00	\$4,656.00
FD	Op Spkr	12	CA03405AA	ADD: POWER SUPPLY WITH DC CORD	\$75.00	\$900.00	20%	60.00	\$720.00
FD	Op Spkr	12	CA03406AA	ADD: AC LINE CORD, NORTH AMERICA	\$13.00	\$156.00	20%	10.40	\$124.80
FD	Op Spkr	12	CA03413AA	ADD: USB CABLE, TYPE A TO TYPE C, 4.5M	\$29.00	\$348.00	20%	23.20	\$278.40
FD	Op AIM	3	B1941	USB AUDIO INTERFACE MODULE	\$1,900.00	\$5,700.00	20%	1,520.00	\$4,560.00
FD	Op Mic	3	B1914	MCC SERIES DESKTOP GOOSENECK MICROPHONE	\$250.00	\$750.00	20%	200.00	\$600.00
FD	Op HdstJk	6	B1913	MCC SERIES HEADSET JACK	\$200.00	\$1,200.00	20%	160.00	\$960.00
FD	Op Hdst	3	RLN6099A	HDST MODULE BASE W/PTT, 25 FT CBL	\$242.00	\$726.00	25%	181.50	\$544.50
FD	Op Hdst	3	RMN5150A	OVER-THE-HEAD, MONAURAL, NOISE-CANCELING HEADSET	\$149.00	\$447.00	25%	111.75	\$335.25
FD	Op FtSw	3	DSTWIN6328A	PROVIDES ONE DUAL PEDAL FOOTSWITCH FOR USE WITH MOTOROLA MCC 7500 DISP	\$290.00	\$870.00	15%	246.50	\$739.50
FD	AC Surge	3	DSISOBAR12ULTRA	SURGE SUPPRESSOR, 12 OUTLETS 15' CORD 1280 JOULES ISOBAR ULTRA	\$220.00	\$660.00	10%	198.00	\$594.00
FD	BULogCons	1	DSSP7C03CS36UN	764-869MHZ 3DBD GAIN CONTROL STATION ANTENNA W/N-TYPE CONNECTOR.	\$1,064.00	\$1,064.00	10%	957.60	\$957.60
FD	BULogCons	150	DSLDF450ACABLE	CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT	\$2.50	\$375.00	10%	2.25	\$337.50
FD	BULogCons	1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE	\$17.75	\$17.75	10%	15.98	\$15.98
FD	BULogCons	1	DDN1089	L4TNF-PSA TYPE N FEMALE PS FOR 1/2 IN CABLE	\$17.75	\$17.75	10%	15.98	\$15.98
FD	BULogCons	1	DSISB50LNC2MA	RF SPD, 125-1000MHZ DC BLOCK BROADBAND BULKHEAD MT, NM ANT, NF EQUIP	\$84.00	\$84.00	10%	75.60	\$75.60
FD	BULogCons	25	DSFSJ450BCABLE	FSJ4-50B 1/2" 50 OHM	\$3.40	\$85.00	10%	3.06	\$76.50
FD	BULogCons	2	DSF4PNMV2	F4PNMV2 1/2" TYPE N MALE CONNECTOR IN FSJ4-50B CABLE	\$32.00	\$64.00	10%	28.80	\$57.60
FD	BULogCons	1	DSMWFD78CMCSN	8700/800 MHZ CONTROL STATION COMBINER MILLED WINDOW FILTER DUPLEXERTX:	\$5,302.00	\$5,302.00	10%	4,771.80	\$4,771.80
FD	BULogCons	1	DSBCH11008	8 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02,764-869MHZ	\$10,005.00	\$10,005.00	10%	9,004.50	\$9,004.50
FD	BULogCons	50	DSFSJ450BCABLE	FSJ4-50B 1/2" 50 OHM	\$3.40	\$170.00	10%	3.06	\$153.00
FD	BULogCons	20	DSF4PNMV2	F4PNMV2 1/2" TYPE N MALE CONNECTOR IN FSJ4-50B CABLE	\$32.00	\$640.00	10%	28.80	\$576.00
PD	Site Rtr	2	T8492	SITE ROUTER & FIREWALL- AC	\$875.00	\$1,750.00	15%	743.75	\$1,487.50
PD	Site Rtr	2	CA03445AA	ADD: MISSION CRITICAL HARDENING	\$3,300.00	\$6,600.00	15%	2,805.00	\$5,610.00
PD	Site Rtr	2	CA03448AA	ADD: STATEFUL FIREWALL	\$1,000.00	\$2,000.00	15%	850.00	\$1,700.00
PD	Site LAN SW	2	CLN1868	2930F 24-PORT SWITCH	\$2,500.00	\$5,000.00	15%	2,125.00	\$4,250.00
PD	Site LAN SW	2	CLN1866	FRU: 1M DAC CABLE	\$200.00	\$400.00	15%	170.00	\$340.00
PD	GCP8000	1	T7038	GCP 8000 SITE CONTROLLER	\$3,000.00	\$3,000.00	20%	2,400.00	\$2,400.00
PD	GCP8000	1	CA00719AA	ADD: ASTRO SYSTEM RELEASE 2019.2	\$0.00	\$0.00	20%	0.00	\$0.00
PD	GCP8000	1	CA00303AA	ADD: QTY (1) SITE CONTROLLER	\$2,500.00	\$2,500.00	20%	2,000.00	\$2,000.00

Location	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
PD	GCP8000	1	CA01136AA	MCC 7500 CONVEN SITE OPER	\$6,500.00	\$6,500.00	20%	5,200.00	\$5,200.00
PD	GCP8000	1	X153AW	ADD: RACK MOUNT HARDWARE	\$50.00	\$50.00	20%	40.00	\$40.00
PD	CCGW	4	SQM01SUM0205	GGM 8000 GATEWAY	\$5,250.00	\$21,000.00	15%	4,462.50	\$17,850.00
PD	CCGW	4	CA02108AA	ADD: DIRECT SHIP (NO STAGING)	\$0.00	\$0.00	15%	0.00	\$0.00
PD	CCGW	4	CA01616AA	ADD: AC POWER	\$0.00	\$0.00	15%	0.00	\$0.00
PD	CCGW	4	CA02086AA	ADD: HIGH DENSITY ENH CONV GATEWAY	\$6,000.00	\$24,000.00	15%	5,100.00	\$20,400.00
PD	Aux IO	1	F4543	SITE MANAGER BASIC	\$1,855.00	\$1,855.00	10%	1,669.50	\$1,669.50
PD	Aux IO	1	VA00874	ADD: AUX I-O SERV FW CURR ASTRO REL	\$175.00	\$175.00	10%	157.50	\$157.50
PD	Aux IO	1	V266	ADD: 90VAC TO 260VAC PS TO SM	\$120.00	\$120.00	10%	108.00	\$108.00
PD	Aux IO	3	V592	AAD TERM BLCK & CONN WI	\$90.00	\$270.00	10%	81.00	\$243.00
PD	Aux IO	2	F4547	SM IO EXPANSION BASIC	\$900.00	\$1,800.00	10%	810.00	\$1,620.00
PD	Aux IO	2	V266	ADD: 90VAC TO 260VAC PS TO SM	\$120.00	\$240.00	10%	108.00	\$216.00
PD	Aux IO	6	V592	AAD TERM BLCK & CONN WI	\$90.00	\$540.00	10%	81.00	\$486.00
PD	Rack	1	TRN7343	SEVEN AND A HALF FOOT RACK	\$495.00	\$495.00	20%	396.00	\$396.00
PD	Rack Hrdwr	4	0784469Y02	BRKT, CBL SUPPORT	\$110.00	\$440.00	20%	88.00	\$352.00
PD	Rack Hrdwr	1	3182602Y06	GROUNDING BUS BAR	\$97.50	\$97.50	25%	73.13	\$73.13
PD	Rack Hrdwr	10	0309660A01	SCREW 12-24X5/8 SLTXW CRS ZINC	\$15.50	\$155.00	25%	11.63	\$116.25
PD	AC Edge	1	DS11011188	PDU, 120/240 SPLIT PH OR N+1 REDUNDANT, 60A MAX PER PHASE, SIX DEDICAT	\$2,790.00	\$2,790.00	10%	2,511.00	\$2,511.00
PD	AC Edge	12	DS3750297	BREAKER, 15 AMP, CB UL 489 LISTED FOR AC EDGE II (1101-1188)	\$62.00	\$744.00	10%	55.80	\$669.60
PD	Software	1	B1949	MCC 7500E SOFTWARE DVD	\$250.00	\$250.00	20%	200.00	\$200.00
PD	Software	1	T7449	WINDOWS SUPPLEMENTAL TRANS CONFIG	\$50.00	\$50.00	20%	40.00	\$40.00
PD	Software	3	T8742	MCAFEE FOR WINDOWS CLIENT, A2019.2	\$165.00	\$495.00	15%	140.25	\$420.75
PD	Op Pos	1	B1948	MCC 7500E DISPATCH POSITION LICENSES	\$0.00	\$0.00	20%	0.00	\$0.00
PD	Op Pos	3	UA00652AA	ADD: 160 RADIO RESOURCES LICENSE	\$18,820.00	\$56,460.00	20%	15,056.00	\$45,168.00
PD	Op Pos	3	UA00653AA	ADD: BASIC CONSOLE OPERATION	\$4,800.00	\$14,400.00	20%	3,840.00	\$11,520.00
PD	Op Pos	3	UA00654AA	ADD: ASTRO 25 TRUNKING OPERATION	\$6,000.00	\$18,000.00	20%	4,800.00	\$14,400.00
PD	Op Pos	3	UA00655AA	ADD: ADVANCED CONVENTIONAL OPERATION	\$3,600.00	\$10,800.00	20%	2,880.00	\$8,640.00
PD	Op Pos	3	UA00658AA	ADD: SECURE OPERATION	\$3,900.00	\$11,700.00	20%	3,120.00	\$9,360.00
PD	Op Pos	3	UA00659AA	ADD: ADP/AES/DES-OFB ENCRYPTION	\$2,160.00	\$6,480.00	20%	1,728.00	\$5,184.00
PD	Op Pos	3	UA00660AA	ADD: OTEK OPERATION	\$4,020.00	\$12,060.00	20%	3,216.00	\$9,648.00
PD	Op Pos	3	UA00661AA	ADD: ENHANCED IRR	\$3,000.00	\$9,000.00	20%	2,400.00	\$7,200.00
PD	Op CPU	3	TT3492	Z2 G4 MINI WORKSTATION NON RETURNAB	\$2,500.00	\$7,500.00	15%	2,125.00	\$6,375.00
PD	Op CPU	1	DSF2B56AA	USB EXTERNAL DVD DRIVE	\$172.00	\$172.00	15%	146.20	\$146.20
PD	Op Mon	3	DSTG221B	TECH GLOBAL EVOLUTION SERIES 22INCH NON TOUCH	\$2,540.00	\$7,620.00	15%	2,159.00	\$6,477.00
PD	Op USB Hub	6	DSST7300U3M	STARTECH 7 PORT USB 3.0 HUB	\$93.00	\$558.00	15%	79.05	\$474.30
PD	Op Spkr	12	B1952	SPEAKER, DESKTOP, USB	\$485.00	\$5,820.00	20%	388.00	\$4,656.00
PD	Op Spkr	12	CA03405AA	ADD: POWER SUPPLY WITH DC CORD	\$75.00	\$900.00	20%	60.00	\$720.00
PD	Op Spkr	12	CA03406AA	ADD: AC LINE CORD, NORTH AMERICA	\$13.00	\$156.00	20%	10.40	\$124.80
PD	Op Spkr	12	CA03413AA	ADD: USB CABLE, TYPE A TO TYPE C, 4.5M	\$29.00	\$348.00	20%	23.20	\$278.40

Location	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
PD	Op AIM	3	B1941	USB AUDIO INTERFACE MODULE	\$1,900.00	\$5,700.00	20%	1,520.00	\$4,560.00
PD	Op Mic	3	B1914	MCC SERIES DESKTOP GOOSENECK MICROPHONE	\$250.00	\$750.00	20%	200.00	\$600.00
PD	Op HdstJk	6	B1913	MCC SERIES HEADSET JACK	\$200.00	\$1,200.00	20%	160.00	\$960.00
PD	Op Hdst	3	RLN6099A	HDST MODULE BASE W/PTT, 25 FT CBL	\$242.00	\$726.00	25%	181.50	\$544.50
PD	Op Hdst	3	RMN5150A	OVER-THE-HEAD, MONAURAL, NOISE-CANCELING HEADSET	\$149.00	\$447.00	25%	111.75	\$335.25
PD	Op FtSw	3	DSTWIN6328A	PROVIDES ONE DUAL PEDAL FOOTSWITCH FOR USE WITH MOTOROLA MCC 7500 DISP	\$290.00	\$870.00	15%	246.50	\$739.50
PD	AC Surge	3	DSISOBAR12ULTRA	SURGE SUPPRESSOR, 12 OUTLETS 15' CORD 1280 JOULES ISOBAR ULTRA	\$220.00	\$660.00	10%	198.00	\$594.00
FD	BULogCons	1	DSSP7C03CS36UN	764-869MHZ 3DBD GAIN CONTROL STATION ANTENNA W/N-TYPE CONNECTOR.	\$1,064.00	\$1,064.00	10%	957.60	\$957.60
FD	BULogCons	150	DSLDF450ACABLE	CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT	\$2.50	\$375.00	10%	2.25	\$337.50
FD	BULogCons	1	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE	\$17.75	\$17.75	10%	15.98	\$15.98
FD	BULogCons	1	DDN1089	L4TNF-PSA TYPE N FEMALE PS FOR 1/2 IN CABLE	\$17.75	\$17.75	10%	15.98	\$15.98
FD	BULogCons	1	DSISB50LNC2MA	RF SPD, 125-1000MHZ DC BLOCK BROADBAND BULKHEAD MT, NM ANT, NF EQUIP	\$84.00	\$84.00	10%	75.60	\$75.60
FD	BULogCons	25	DSFSJ450BCABLE	FSJ4-50B 1/2" 50 OHM	\$3.40	\$85.00	10%	3.06	\$76.50
FD	BULogCons	2	DSF4PNMV2	F4PNMV2 1/2" TYPE N MALE CONNECTOR IN FSJ4-50B CABLE	\$32.00	\$64.00	10%	28.80	\$57.60
FD	BULogCons	1	DSMWFD78CMCSN	8700/800 MHZ CONTROL STATION COMBINER MILLED WINDOW FILTER DUPLEXERTX:	\$5,302.00	\$5,302.00	10%	4,771.80	\$4,771.80
FD	BULogCons	1	DSBCH11008	8 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02,764-869MHZ	\$10,005.00	\$10,005.00	10%	9,004.50	\$9,004.50
FD	BULogCons	50	DSFSJ450BCABLE	FSJ4-50B 1/2" 50 OHM	\$3.40	\$170.00	10%	3.06	\$153.00
FD	BULogCons	20	DSF4PNMV2	F4PNMV2 1/2" TYPE N MALE CONNECTOR IN FSJ4-50B CABLE	\$32.00	\$640.00	10%	28.80	\$576.00
Spare	CCGW	1	SQM01SUM0205	GGM 8000 GATEWAY	\$5,250.00	\$5,250.00	15%	4,462.50	\$4,462.50
Spare	CCGW	1	CA02108AA	ADD: DIRECT SHIP (NO STAGING)	\$0.00	\$0.00	15%	0.00	\$0.00
Spare	CCGW	1	CA01616AA	ADD: AC POWER	\$0.00	\$0.00	15%	0.00	\$0.00
Spare	CCGW	1	CA02086AA	ADD: HIGH DENSITY ENH CONV GATEWAY	\$6,000.00	\$6,000.00	15%	5,100.00	\$5,100.00
Spare	Router	1	T8492	SITE ROUTER & FIREWALL- AC	\$875.00	\$875.00	15%	743.75	\$743.75
Spare	Router	1	CA03445AA	ADD: MISSION CRITICAL HARDENING	\$3,300.00	\$3,300.00	15%	2,805.00	\$2,805.00
Spare	Router	1	CA03448AA	ADD: STATEFUL FIREWALL	\$1,000.00	\$1,000.00	15%	850.00	\$850.00
Spare	Switch	1	CLN1868	2930F 24-PORT SWITCH	\$2,500.00	\$2,500.00	15%	2,125.00	\$2,125.00
Spare	Switch	1	CLN1866	FRU: 1M DAC CABLE	\$200.00	\$200.00	15%	170.00	\$170.00
Spare	Op AIM	1	B1941	USB AUDIO INTERFACE MODULE	\$1,900.00	\$1,900.00	20%	1,520.00	\$1,520.00
Spare	Op CPU	1	TT3492	Z2 G4 MINI WORKSTATION NON RETURNAB	\$2,500.00	\$2,500.00	15%	2,125.00	\$2,125.00
Spare	Op Mic	1	B1914	MCC SERIES DESKTOP GOOSENECK MICROPHONE	\$250.00	\$250.00	20%	200.00	\$200.00
Spare	Op Spkr	1	B1952	SPEAKER, DESKTOP, USB	\$485.00	\$485.00	20%	388.00	\$388.00
Spare	Op HdstJk	1	B1913	MCC SERIES HEADSET JACK	\$200.00	\$200.00	20%	160.00	\$160.00
				<b>CT State A-99-001 Total</b>					<b>\$478,094.70</b>

					Detailed Pricing					
					Subscribers					
Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended	
FD	8500RemE5	16	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$76,320.00	25%	\$3,577.50	\$57,240.00	
FD	8500RemE5	16	G67	ADD: REMOTE MOUNT O3 MP FOR CBP	\$297.00	\$4,752.00	25%	\$222.75	\$3,564.00	
FD	8500RemE5	16	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00	
FD	8500RemE5	16	GA01670	ADD: APX E5 CONTROL HEAD	\$572.00	\$9,152.00	25%	\$429.00	\$6,864.00	
FD	8500RemE5	16	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00	
FD	8500RemE5	16	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$8,240.00	25%	\$386.25	\$6,180.00	
FD	8500RemE5	16	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$24,000.00	25%	\$1,125.00	\$18,000.00	
FD	8500RemE5	16	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$4,800.00	25%	\$225.00	\$3,600.00	
FD	8500RemE5	16	GA09008	ADD: GROUP SERVICES	\$150.00	\$2,400.00	25%	\$112.50	\$1,800.00	
FD	8500RemE5	16	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$1,600.00	25%	\$75.00	\$1,200.00	
FD	8500RemE5	16	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$7,200.00	25%	\$337.50	\$5,400.00	
FD	8500RemE5	16	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00	
FD	8500RemE5	16	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$80.00	25%	\$3.75	\$60.00	
FD	8500RemE5	16	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$7,600.00	25%	\$356.25	\$5,700.00	
FD	8500RemE5	16	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$11,840.00	25%	\$555.00	\$8,880.00	
FD	8500RemE5	16	GA01515	ADD: J600 ADAPTER CABLE	\$95.00	\$1,520.00	25%	\$71.25	\$1,140.00	
FD	8500RemE5	16	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$1,152.00	25%	\$54.00	\$864.00	
FD	8500RemE5	16	G831	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$960.00	25%	\$45.00	\$720.00	
FD	8500RemE5	16	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$5,808.00	0%	\$363.00	\$5,808.00	
FD	8500RemE5	16	DSRFMTNTVUC	RFMT-NT TRIBAND ANTENNA	\$258.00	\$4,128.00	25%	\$193.50	\$3,096.00	
FD	8500RemE5	8	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$38,160.00	25%	\$3,577.50	\$28,620.00	
FD	8500RemE5	8	G67	ADD: REMOTE MOUNT O3 MP FOR CBP	\$297.00	\$2,376.00	25%	\$222.75	\$1,782.00	
FD	8500RemE5	8	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00	
FD	8500RemE5	8	GA01670	ADD: APX E5 CONTROL HEAD	\$572.00	\$4,576.00	25%	\$429.00	\$3,432.00	
FD	8500RemE5	8	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00	
FD	8500RemE5	8	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$4,120.00	25%	\$386.25	\$3,090.00	
FD	8500RemE5	8	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$12,000.00	25%	\$1,125.00	\$9,000.00	
FD	8500RemE5	8	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$2,400.00	25%	\$225.00	\$1,800.00	
FD	8500RemE5	8	GA00631	ADD: DVRS MSU ACTIVATION	\$250.00	\$2,000.00	25%	\$187.50	\$1,500.00	
FD	8500RemE5	8	GA09008	ADD: GROUP SERVICES	\$150.00	\$1,200.00	25%	\$112.50	\$900.00	
FD	8500RemE5	8	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$800.00	25%	\$75.00	\$600.00	
FD	8500RemE5	8	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$3,600.00	25%	\$337.50	\$2,700.00	
FD	8500RemE5	8	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00	
FD	8500RemE5	8	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$40.00	25%	\$3.75	\$30.00	
FD	8500RemE5	8	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$3,800.00	25%	\$356.25	\$2,850.00	
FD	8500RemE5	8	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$5,920.00	25%	\$555.00	\$4,440.00	
FD	8500RemE5	8	GA01515	ADD: J600 ADAPTER CABLE	\$95.00	\$760.00	25%	\$71.25	\$570.00	
FD	8500RemE5	8	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$576.00	25%	\$54.00	\$432.00	
FD	8500RemE5	8	G831	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$480.00	25%	\$45.00	\$360.00	
FD	8500RemE5	8	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$2,904.00	0%	\$363.00	\$2,904.00	

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
FD	8500RemE5	8	DSRFMTNTVUC	RFMT-NT TRIBAND ANTENNA	\$258.00	\$2,064.00	25%	\$193.50	\$1,548.00
FD	8500DualE5	4	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$19,080.00	25%	\$3,577.50	\$14,310.00
FD	8500DualE5	4	G67	ADD: REMOTE MOUNT O3 MP FOR CBP	\$297.00	\$1,188.00	25%	\$222.75	\$891.00
FD	8500DualE5	4	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	8500DualE5	4	GA01670	ADD: APX E5 CONTROL HEAD	\$572.00	\$2,288.00	25%	\$429.00	\$1,716.00
FD	8500DualE5	4	GA00092	ADD: APX DUAL-CONTROL HARDWARE (07 ARABIC)	\$570.00	\$2,280.00	25%	\$427.50	\$1,710.00
FD	8500DualE5	4	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	8500DualE5	4	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$2,060.00	25%	\$386.25	\$1,545.00
FD	8500DualE5	4	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$6,000.00	25%	\$1,125.00	\$4,500.00
FD	8500DualE5	4	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$1,200.00	25%	\$225.00	\$900.00
FD	8500DualE5	4	GA09008	ADD: GROUP SERVICES	\$150.00	\$600.00	25%	\$112.50	\$450.00
FD	8500DualE5	4	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$400.00	25%	\$75.00	\$300.00
FD	8500DualE5	4	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$1,800.00	25%	\$337.50	\$1,350.00
FD	8500DualE5	4	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	8500DualE5	4	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$20.00	25%	\$3.75	\$15.00
FD	8500DualE5	4	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$1,900.00	25%	\$356.25	\$1,425.00
FD	8500DualE5	4	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$2,960.00	25%	\$555.00	\$2,220.00
FD	8500DualE5	4	G610	ADD: REMOTE MOUNT CBL 30 FEET	\$25.00	\$100.00	25%	\$18.75	\$75.00
FD	8500DualE5	4	G609	ADD: REMOTE MOUNT CBL 50 FEET	\$35.00	\$140.00	25%	\$26.25	\$105.00
FD	8500DualE5	4	GA01515	ADD: J600 ADAPTER CABLE	\$95.00	\$380.00	25%	\$71.25	\$285.00
FD	8500DualE5	8	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$576.00	25%	\$54.00	\$432.00
FD	8500DualE5	8	G831	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$480.00	25%	\$45.00	\$360.00
FD	8500DualE5	4	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$1,452.00	0%	\$363.00	\$1,452.00
FD	8500DualE5	4	DSRFMTNTVUC	RFMT-NT TRIBAND ANTENNA	\$258.00	\$1,032.00	25%	\$193.50	\$774.00
FD	8500DualE5	2	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$9,540.00	25%	\$3,577.50	\$7,155.00
FD	8500DualE5	2	G67	ADD: REMOTE MOUNT O3 MP FOR CBP	\$297.00	\$594.00	25%	\$222.75	\$445.50
FD	8500DualE5	2	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	8500DualE5	2	GA01670	ADD: APX E5 CONTROL HEAD	\$572.00	\$1,144.00	25%	\$429.00	\$858.00
FD	8500DualE5	2	GA00092	ADD: APX DUAL-CONTROL HARDWARE (07 ARABIC)	\$570.00	\$1,140.00	25%	\$427.50	\$855.00
FD	8500DualE5	2	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	8500DualE5	2	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$1,030.00	25%	\$386.25	\$772.50
FD	8500DualE5	2	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$3,000.00	25%	\$1,125.00	\$2,250.00
FD	8500DualE5	2	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$600.00	25%	\$225.00	\$450.00
FD	8500DualE5	2	GA00631	ADD: DVRS MSU ACTIVATION	\$250.00	\$500.00	25%	\$187.50	\$375.00
FD	8500DualE5	2	GA09008	ADD: GROUP SERVICES	\$150.00	\$300.00	25%	\$112.50	\$225.00
FD	8500DualE5	2	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$200.00	25%	\$75.00	\$150.00
FD	8500DualE5	2	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$900.00	25%	\$337.50	\$675.00
FD	8500DualE5	2	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	8500DualE5	2	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$10.00	25%	\$3.75	\$7.50
FD	8500DualE5	2	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$950.00	25%	\$356.25	\$712.50
FD	8500DualE5	2	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$1,480.00	25%	\$555.00	\$1,110.00
FD	8500DualE5	2	G610	ADD: REMOTE MOUNT CBL 30 FEET	\$25.00	\$50.00	25%	\$18.75	\$37.50

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
FD	8500DualE5	2	G609	ADD: REMOTE MOUNT CBL 50 FEET	\$35.00	\$70.00	25%	\$26.25	\$52.50
FD	8500DualE5	2	GA01515	ADD: J600 ADAPTER CABLE	\$95.00	\$190.00	25%	\$71.25	\$142.50
FD	8500DualE5	4	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$288.00	25%	\$54.00	\$216.00
FD	8500DualE5	4	G831	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$240.00	25%	\$45.00	\$180.00
FD	8500DualE5	2	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$726.00	0%	\$363.00	\$726.00
FD	8500DualE5	2	DSRFMTNTVUC	RFMT-NT TRIBAND ANTENNA	\$258.00	\$516.00	25%	\$193.50	\$387.00
FD	VRX1000	8	TT2793	VRX1000 - UHF 380-430/450-512 MHZ	\$3,350.00	\$26,800.00	25%	\$2,512.50	\$20,100.00
FD	VRX1000	8	TT06279AA	DVR/VRX FOR USE WITH ALL BAND APX8500 MOBILE	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	VRX1000	8	TT05951AA	VRX1000 P25 DIGITAL CONVENTIONAL OPERATION	\$1,560.00	\$12,480.00	25%	\$1,170.00	\$9,360.00
FD	VRX1000	8	TT05953AA	VRX1000 P25 ENHANCED TRUNKING OPERATION	\$1,680.00	\$13,440.00	25%	\$1,260.00	\$10,080.00
FD	VRX1000	8	TT05956AA	DEL: DELETE STANDARD CONTROL CABLE - VRX1000	-\$110.00	-\$880.00	25%	-\$82.50	-\$660.00
FD	VRX1000	8	TT05964AA	VRX1000 Y CONTROL CABLE AUX 3FT	\$360.00	\$2,880.00	25%	\$270.00	\$2,160.00
FD	VRX1000	8	DDN2659	DUAL TRIPLEXER RELAY KIT	\$1,113.00	\$8,904.00	25%	\$834.75	\$6,678.00
FD	VRX1000	8	DDN2079	VRX1000 CROSS-BAND 4 YEAR EXTENDED WARRANTY	\$756.00	\$6,048.00	25%	\$567.00	\$4,536.00
FD	VRX1000	8	HAE4003	ANTENNA, UHF (450-470 MHZ) 1/4 WAVE ROOF MOUNT	\$21.50	\$172.00	25%	\$16.13	\$129.00
FD	VRX1000	1	DDN1968	VRX1000 PROGRAMMING CABLE	\$203.00	\$203.00	25%	\$152.25	\$152.25
FD	DVRS	2	TT1345	UHF 450-470 DVR SIDE BY SIDE CROSS BAND APPLICATION A	\$8,115.00	\$16,230.00	25%	\$6,086.25	\$12,172.50
FD	DVRS	2	TT06279AA	DVR/VRX FOR USE WITH ALL BAND APX8500 MOBILE	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	DVRS	2	DDN2659	DUAL TRIPLEXER RELAY KIT	\$1,113.00	\$2,226.00	25%	\$834.75	\$1,669.50
FD	DVRS	2	DDN2085	DVR CROSS BAND 4 YEAR EXTENDED WARR	\$605.00	\$1,210.00	25%	\$453.75	\$907.50
FD	DVRS	2	HAE4003	ANTENNA, UHF (450-470 MHZ) 1/4 WAVE ROOF MOUNT	\$21.50	\$43.00	25%	\$16.13	\$32.25
FD	DVRS	1	DDN9025	DVR PROGRAMMING CABLE 10FT	\$202.00	\$202.00	25%	\$151.50	\$151.50
FD	DVRS	1	DDN1576	DVR PROGRAMMING SOFTWARE	\$385.00	\$385.00	25%	\$288.75	\$288.75
FD	APX8000XE	68	H91TGD9PW6 N	APX 8000 ALL BAND PORTABLE MODEL 2.5	\$5,809.00	\$395,012.00	25%	\$4,356.75	\$296,259.00
FD	APX8000XE	68	QA02006	ENH: APX8000XE RUGGED RADIO	\$800.00	\$54,400.00	25%	\$600.00	\$40,800.00
FD	APX8000XE	68	Q806	ADD: ASTRO DIGITAL CAI OPERATION	\$515.00	\$35,020.00	25%	\$386.25	\$26,265.00
FD	APX8000XE	68	H38	ADD: SMARTZONE OPERATION	\$1,500.00	\$102,000.00	25%	\$1,125.00	\$76,500.00
FD	APX8000XE	68	Q361	ADD: P25 9600 BAUD TRUNKING	\$300.00	\$20,400.00	25%	\$225.00	\$15,300.00
FD	APX8000XE	68	QA00580	ADD: TDMA OPERATION	\$450.00	\$30,600.00	25%	\$337.50	\$22,950.00
FD	APX8000XE	68	G996	ADD: PROGRAMMING OVER P25 (OTAP)	\$100.00	\$6,800.00	25%	\$75.00	\$5,100.00
FD	APX8000XE	68	QA00631	ADD: DVRS PSU ACTIVATION	\$100.00	\$6,800.00	25%	\$75.00	\$5,100.00
FD	APX8000XE	68	QA09008	ADD: GROUP SERVICES	\$150.00	\$10,200.00	25%	\$112.50	\$7,650.00
FD	APX8000XE	68	Q445	ADD: APX Personnel Accountability	\$150.00	\$10,200.00	25%	\$112.50	\$7,650.00
FD	APX8000XE	68	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$340.00	25%	\$3.75	\$255.00
FD	APX8000XE	68	Q629	ENH: AES ENCRYPTION AND ADP	\$475.00	\$32,300.00	25%	\$356.25	\$24,225.00
FD	APX8000XE	68	Q498	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$50,320.00	25%	\$555.00	\$37,740.00
FD	APX8000XE	68	Q887	ADD: 5Y ESSENTIAL SERVICE	\$216.00	\$14,688.00	0%	\$216.00	\$14,688.00
FD	PortAcc	17	NNTN8860A	CHARGER, SINGLE-UNIT, IMPRES 2, 3A, 115VAC, US/NA	\$165.00	\$2,805.00	25%	\$123.75	\$2,103.75
FD	PortAcc	8	NNTN8844A	CHARGER, MULTI-UNIT, IMPRES 2, 6-DISP, NA/LA-PLUG, ACC USB CHGR	\$1,375.00	\$11,000.00	25%	\$1,031.25	\$8,250.00
FD	PortAcc	48	NNTN7624C	CHARGER,CHR IMP VEH EXT NA/EU KIT	\$472.00	\$22,656.00	25%	\$354.00	\$16,992.00
FD	PortAcc	68	PMMN4106CBLK	XE500 BLACK HOSUING, CHANNEL KNOB, XTREME TEMPERATURE CABLE	\$616.00	\$41,888.00	25%	\$462.00	\$31,416.00
FD	PortAcc	12	PMNN4504	BATT IMPRES 2 LIION UL2054 DIV2 R IP68 3400T	\$193.00	\$2,316.00	25%	\$144.75	\$1,737.00

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
FD	PortAcc	68	PMLN7906A	LEATHER CARRY CASE WITH D-RINGS AND 2.75" SWIVEL BELT LOOP	\$65.00	\$4,420.00	25%	\$48.75	\$3,315.00
FD	PortAcc	68	RLN6487A	ACCESSORY KIT, FIREMAN'S RADIO STRAP, XL	\$28.50	\$1,938.00	25%	\$21.38	\$1,453.50
FD	CntrlStat	5	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$23,850.00	25%	\$3,577.50	\$17,887.50
FD	CntrlStat	5	G66	ADD: DASH MOUNT	\$125.00	\$625.00	25%	\$93.75	\$468.75
FD	CntrlStat	5	W665	ADD: CONTROL STATION OPERATION	\$70.00	\$350.00	25%	\$52.50	\$262.50
FD	CntrlStat	5	G91	ADD: CNTRL STATION PWR SUPPLY	\$269.00	\$1,345.00	25%	\$201.75	\$1,008.75
FD	CntrlStat	5	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	CntrlStat	5	GA01670	ADD: APX E5 CONTROL HEAD	\$572.00	\$2,860.00	25%	\$429.00	\$2,145.00
FD	CntrlStat	5	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	CntrlStat	5	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$2,575.00	25%	\$386.25	\$1,931.25
FD	CntrlStat	5	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$7,500.00	25%	\$1,125.00	\$5,625.00
FD	CntrlStat	5	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$1,500.00	25%	\$225.00	\$1,125.00
FD	CntrlStat	5	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$500.00	25%	\$75.00	\$375.00
FD	CntrlStat	5	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$2,250.00	25%	\$337.50	\$1,687.50
FD	CntrlStat	5	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	CntrlStat	5	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$25.00	25%	\$3.75	\$18.75
FD	CntrlStat	5	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$2,375.00	25%	\$356.25	\$1,781.25
FD	CntrlStat	5	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$3,700.00	25%	\$555.00	\$2,775.00
FD	CntrlStat	5	GA01517	DEL: NO J600 ADAPTER CABLE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	CntrlStat	5	W382	ADD: CONTROL STATION DESK GCAI MIC	\$169.00	\$845.00	25%	\$126.75	\$633.75
FD	CntrlStat	5	G142	ADD: NO SPEAKER NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	CntrlStat	5	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$1,815.00	0%	\$363.00	\$1,815.00
FD	CntrlStat	5	DS11294719	CHATSWORTH 19 INCH LOW PROFILE SHELF BLACK	\$208.00	\$1,040.00	25%	\$156.00	\$780.00
FD	CntrlStat	5	DSIOAKDCANTN	INTEROPERABLE ANTENNA ONLY, 106-1550MHZ N -FEMALE CONNECTOR	\$1,374.00	\$6,870.00	25%	\$1,030.50	\$5,152.50
FD	CntrlStat	750	DSLDF450ACABLE	CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT	\$2.50	\$1,875.00	25%	\$1.88	\$1,406.25
FD	CntrlStat	5	DDN1088	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE	\$17.75	\$88.75	25%	\$13.31	\$66.56
FD	CntrlStat	5	DDN1089	L4TNF-PSA TYPE N FEMALE PS FOR 1/2 IN CABLE	\$17.75	\$88.75	25%	\$13.31	\$66.56
FD	CntrlStat	5	DSISB50LNC2MA	RF SPD, 125-1000MHZ DC BLOCK BROADBAND BULKHEAD MT, NM ANT, NF EQUIP	\$84.00	\$420.00	25%	\$63.00	\$315.00
FD	CntrlStat	125	DSFSJ150ACABLE	CABLE: 1/4" SUPERFLEX POLY JKT PER FOOT	\$1.75	\$218.75	25%	\$1.31	\$164.06
FD	CntrlStat	5	DSF1TNMHC	TYPE N MALE FOR 1/4 IN FSJ1-50A CABLE	\$19.50	\$97.50	25%	\$14.63	\$73.13
FD	CntrlStat	5	DSF1MU	F1MU 1/4" MINI UHF MALE S FLEX CONNECTOR	\$18.00	\$90.00	25%	\$13.50	\$67.50
FD	BULogCons	7	L37TSS9PW1 N	ALL BAND CONSOLETTTE	\$8,040.00	\$56,280.00	25%	\$6,030.00	\$42,210.00
FD	BULogCons	7	GA05508	DEL: DELETE VHF BAND	-\$800.00	-\$5,600.00	25%	-\$600.00	-\$4,200.00
FD	BULogCons	7	GA05509	DEL: DELETE UHF BAND	-\$800.00	-\$5,600.00	25%	-\$600.00	-\$4,200.00
FD	BULogCons	7	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$3,605.00	25%	\$386.25	\$2,703.75
FD	BULogCons	7	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$10,500.00	25%	\$1,125.00	\$7,875.00
FD	BULogCons	7	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$2,100.00	25%	\$225.00	\$1,575.00
FD	BULogCons	7	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$700.00	25%	\$75.00	\$525.00
FD	BULogCons	7	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$3,150.00	25%	\$337.50	\$2,362.50
FD	BULogCons	7	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$35.00	25%	\$3.75	\$26.25
FD	BULogCons	7	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$3,325.00	25%	\$356.25	\$2,493.75
FD	BULogCons	7	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$5,180.00	25%	\$555.00	\$3,885.00



Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
FD	BULogCons	7	L999	ADD: FULL FP W/05/KEYPAD/CLOCK/VU	\$789.00	\$5,523.00	25%	\$591.75	\$4,142.25
FD	BULogCons	7	W382	ADD: CONTROL STATION DESK GCAI MIC	\$169.00	\$1,183.00	25%	\$126.75	\$887.25
FD	BULogCons	7	CA01598	ADD: AC LINE CORD US	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	BULogCons	7	GA00318	ADD: 5Y ESSENTIAL SERVICE	\$319.00	\$2,233.00	0%	\$319.00	\$2,233.00
FD	BULogCons	7	HKN6233C	APX CONSOLETT RACK MOUNT KIT	\$200.00	\$1,400.00	25%	\$150.00	\$1,050.00
FD	BULogCons	7	CLN6679	RACK MTG HDW OUTLAW	\$41.00	\$287.00	25%	\$30.75	\$215.25
FD	KVL	1	T8476B	KVL 5000	\$6,000.00	\$6,000.00	25%	\$4,500.00	\$4,500.00
FD	KVL	1	CA00182AW	ADD: AES ENCRYPTION SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	KVL	1	CA03358AA	ADD: ASTRO 25 MODE	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	KVL	1	CA03467AA	ADD: NORTH AMERICA MICRO USB CHARGER 100/240V	\$0.00	\$0.00	25%	\$0.00	\$0.00
FD	KVL	1	DQUUSBOTG	STARTECH.COM 5IN MICRO USB TO USB OTG HOST ADAPTER M/F - USB ADAPTER	\$13.00	\$13.00	25%	\$9.75	\$9.75
FD	KVL	1	HKN6182B	CABLE KEYLOADING ADAPTER CGAI	\$163.00	\$163.00	25%	\$122.25	\$122.25
FD	KVL	1	PMKN4012B	PORTABLE PROGRAMMING CABLE	\$77.00	\$77.00	25%	\$57.75	\$57.75
FD	KVL	1	TKN8531C	CABLE FOR RNC, DIU MGEN	\$260.00	\$260.00	25%	\$195.00	\$195.00
PD	6500DashO2	1	M25URS9PW1BN	APX6500 ENHANCED 7/800 MHZ	\$2,738.00	\$2,738.00	25%	\$2,053.50	\$2,053.50
PD	6500DashO2	1	G66	ADD: DASH MOUNT APXM	\$125.00	\$125.00	25%	\$93.75	\$93.75
PD	6500DashO2	1	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	6500DashO2	1	GA00804	ADD: APX O2 CONTROL HEAD	\$492.00	\$492.00	25%	\$369.00	\$369.00
PD	6500DashO2	1	G174	ADD: ANT 3DB LOW-PROFILE 762-870	\$43.00	\$43.00	25%	\$32.25	\$32.25
PD	6500DashO2	1	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$515.00	25%	\$386.25	\$386.25
PD	6500DashO2	1	G51	ENH: SMARTZONE OPERATION APX6500	\$1,200.00	\$1,200.00	25%	\$900.00	\$900.00
PD	6500DashO2	1	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$300.00	25%	\$225.00	\$225.00
PD	6500DashO2	1	GA09008	ADD: GROUP SERVICES	\$150.00	\$150.00	25%	\$112.50	\$112.50
PD	6500DashO2	1	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$100.00	25%	\$75.00	\$75.00
PD	6500DashO2	1	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$450.00	25%	\$337.50	\$337.50
PD	6500DashO2	1	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	6500DashO2	1	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$5.00	25%	\$3.75	\$3.75
PD	6500DashO2	1	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$475.00	25%	\$356.25	\$356.25
PD	6500DashO2	1	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$740.00	25%	\$555.00	\$555.00
PD	6500DashO2	1	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$72.00	25%	\$54.00	\$54.00
PD	6500DashO2	1	G831	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$60.00	25%	\$45.00	\$45.00
PD	6500DashO2	1	GA00318	ADD: 5Y ESSENTIAL SERVICE	\$258.00	\$258.00	0%	\$258.00	\$258.00
PD	6500MotoO2	7	M25URS9PW1BN	APX6500 ENHANCED 7/800 MHZ	\$2,738.00	\$19,166.00	25%	\$2,053.50	\$14,374.50
PD	6500MotoO2	7	G67DQ	ADD: REMOTE MOUNT O2 APXM	\$297.00	\$2,079.00	25%	\$222.75	\$1,559.25
PD	6500MotoO2	7	G138	ADD: APX MOTORCYCLE CH SFWR	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	6500MotoO2	7	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	6500MotoO2	7	GA00804	ADD: APX O2 CONTROL HEAD	\$492.00	\$3,444.00	25%	\$369.00	\$2,583.00
PD	6500MotoO2	7	G174	ADD: ANT 3DB LOW-PROFILE 762-870	\$43.00	\$301.00	25%	\$32.25	\$225.75
PD	6500MotoO2	7	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$3,605.00	25%	\$386.25	\$2,703.75
PD	6500MotoO2	7	G51	ENH: SMARTZONE OPERATION APX6500	\$1,200.00	\$8,400.00	25%	\$900.00	\$6,300.00
PD	6500MotoO2	7	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$2,100.00	25%	\$225.00	\$1,575.00
PD	6500MotoO2	7	GA09008	ADD: GROUP SERVICES	\$150.00	\$1,050.00	25%	\$112.50	\$787.50

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
PD	6500MotoO2	7	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$700.00	25%	\$75.00	\$525.00
PD	6500MotoO2	7	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$3,150.00	25%	\$337.50	\$2,362.50
PD	6500MotoO2	7	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	6500MotoO2	7	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$35.00	25%	\$3.75	\$26.25
PD	6500MotoO2	7	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$3,325.00	25%	\$356.25	\$2,493.75
PD	6500MotoO2	7	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$5,180.00	25%	\$555.00	\$3,885.00
PD	6500MotoO2	7	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$504.00	25%	\$54.00	\$378.00
PD	6500MotoO2	7	B18	ADD: AUXILIARY SPKR 7.5 WATT	\$60.00	\$420.00	25%	\$45.00	\$315.00
PD	6500MotoO2	7	GA00318	ADD: 5Y ESSENTIAL SERVICE	\$258.00	\$1,806.00	0%	\$258.00	\$1,806.00
PD	6500RemO2	30	M25URS9PW1BN	APX6500 ENHANCED 7/800 MHZ	\$2,738.00	\$82,140.00	25%	\$2,053.50	\$61,605.00
PD	6500RemO2	30	G67	ADD: REMOTE MOUNT APXM	\$297.00	\$8,910.00	25%	\$222.75	\$6,682.50
PD	6500RemO2	30	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	6500RemO2	30	GA00804	ADD: APX O2 CONTROL HEAD	\$492.00	\$14,760.00	25%	\$369.00	\$11,070.00
PD	6500RemO2	30	G174	ADD: ANT 3DB LOW-PROFILE 762-870	\$43.00	\$1,290.00	25%	\$32.25	\$967.50
PD	6500RemO2	30	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$15,450.00	25%	\$386.25	\$11,587.50
PD	6500RemO2	30	G51	ENH: SMARTZONE OPERATION APX6500	\$1,200.00	\$36,000.00	25%	\$900.00	\$27,000.00
PD	6500RemO2	30	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$9,000.00	25%	\$225.00	\$6,750.00
PD	6500RemO2	30	GA09008	ADD: GROUP SERVICES	\$150.00	\$4,500.00	25%	\$112.50	\$3,375.00
PD	6500RemO2	30	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$3,000.00	25%	\$75.00	\$2,250.00
PD	6500RemO2	30	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$13,500.00	25%	\$337.50	\$10,125.00
PD	6500RemO2	30	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	6500RemO2	30	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$150.00	25%	\$3.75	\$112.50
PD	6500RemO2	30	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$14,250.00	25%	\$356.25	\$10,687.50
PD	6500RemO2	30	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$22,200.00	25%	\$555.00	\$16,650.00
PD	6500RemO2	30	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$2,160.00	25%	\$54.00	\$1,620.00
PD	6500RemO2	30	G831	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$1,800.00	25%	\$45.00	\$1,350.00
PD	6500RemO2	30	GA00318	ADD: 5Y ESSENTIAL SERVICE	\$258.00	\$7,740.00	0%	\$258.00	\$7,740.00
PD	6500RemO3	10	M25URS9PW1BN	APX6500 ENHANCED 7/800 MHZ	\$2,738.00	\$27,380.00	25%	\$2,053.50	\$20,535.00
PD	6500RemO3	10	G67	ADD: REMOTE MOUNT APXM	\$297.00	\$2,970.00	25%	\$222.75	\$2,227.50
PD	6500RemO3	10	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	6500RemO3	10	G72	ADD: APX O3 HANDHELD CH	\$946.00	\$9,460.00	25%	\$709.50	\$7,095.00
PD	6500RemO3	10	G174	ADD: ANT 3DB LOW-PROFILE 762-870	\$43.00	\$430.00	25%	\$32.25	\$322.50
PD	6500RemO3	10	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$5,150.00	25%	\$386.25	\$3,862.50
PD	6500RemO3	10	G51	ENH: SMARTZONE OPERATION APX6500	\$1,200.00	\$12,000.00	25%	\$900.00	\$9,000.00
PD	6500RemO3	10	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$3,000.00	25%	\$225.00	\$2,250.00
PD	6500RemO3	10	GA09008	ADD: GROUP SERVICES	\$150.00	\$1,500.00	25%	\$112.50	\$1,125.00
PD	6500RemO3	10	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$1,000.00	25%	\$75.00	\$750.00
PD	6500RemO3	10	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$4,500.00	25%	\$337.50	\$3,375.00
PD	6500RemO3	10	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	6500RemO3	10	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$50.00	25%	\$3.75	\$37.50
PD	6500RemO3	10	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$4,750.00	25%	\$356.25	\$3,562.50
PD	6500RemO3	10	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$7,400.00	25%	\$555.00	\$5,550.00

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
PD	6500RemO3	10	G90	ADD: NO MICROPHONE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	6500RemO3	10	G831	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$600.00	25%	\$45.00	\$450.00
PD	6500RemO3	10	GA00318	ADD: 5Y ESSENTIAL SERVICE	\$258.00	\$2,580.00	0%	\$258.00	\$2,580.00
PD	8500DashO2	5	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$23,850.00	25%	\$3,577.50	\$17,887.50
PD	8500DashO2	5	G66	ADD: DASH MOUNT	\$125.00	\$625.00	25%	\$93.75	\$468.75
PD	8500DashO2	5	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500DashO2	5	GA00804	ADD: APX O2 CONTROL HEAD	\$492.00	\$2,460.00	25%	\$369.00	\$1,845.00
PD	8500DashO2	5	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500DashO2	5	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$2,575.00	25%	\$386.25	\$1,931.25
PD	8500DashO2	5	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$7,500.00	25%	\$1,125.00	\$5,625.00
PD	8500DashO2	5	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$1,500.00	25%	\$225.00	\$1,125.00
PD	8500DashO2	5	GA09008	ADD: GROUP SERVICES	\$150.00	\$750.00	25%	\$112.50	\$562.50
PD	8500DashO2	5	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$500.00	25%	\$75.00	\$375.00
PD	8500DashO2	5	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$2,250.00	25%	\$337.50	\$1,687.50
PD	8500DashO2	5	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500DashO2	5	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$25.00	25%	\$3.75	\$18.75
PD	8500DashO2	5	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$2,375.00	25%	\$356.25	\$1,781.25
PD	8500DashO2	5	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$3,700.00	25%	\$555.00	\$2,775.00
PD	8500DashO2	5	GA01517	DEL: NO J600 ADAPTER CABLE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500DashO2	5	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$360.00	25%	\$54.00	\$270.00
PD	8500DashO2	5	G831	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$300.00	25%	\$45.00	\$225.00
PD	8500DashO2	5	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$1,815.00	0%	\$363.00	\$1,815.00
PD	8500DashO2	5	DSRFMTNTVUC	RFMT-NT TRIBAND ANTENNA	\$258.00	\$1,290.00	25%	\$193.50	\$967.50
PD	8500RemO2	12	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$57,240.00	25%	\$3,577.50	\$42,930.00
PD	8500RemO2	12	G67	ADD: REMOTE MOUNT O3 MP FOR CBP	\$297.00	\$3,564.00	25%	\$222.75	\$2,673.00
PD	8500RemO2	12	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500RemO2	12	GA00804	ADD: APX O2 CONTROL HEAD	\$492.00	\$5,904.00	25%	\$369.00	\$4,428.00
PD	8500RemO2	12	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500RemO2	12	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$6,180.00	25%	\$386.25	\$4,635.00
PD	8500RemO2	12	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$18,000.00	25%	\$1,125.00	\$13,500.00
PD	8500RemO2	12	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$3,600.00	25%	\$225.00	\$2,700.00
PD	8500RemO2	12	GA09008	ADD: GROUP SERVICES	\$150.00	\$1,800.00	25%	\$112.50	\$1,350.00
PD	8500RemO2	12	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$1,200.00	25%	\$75.00	\$900.00
PD	8500RemO2	12	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$5,400.00	25%	\$337.50	\$4,050.00
PD	8500RemO2	12	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500RemO2	12	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$60.00	25%	\$3.75	\$45.00
PD	8500RemO2	12	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$5,700.00	25%	\$356.25	\$4,275.00
PD	8500RemO2	12	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$8,880.00	25%	\$555.00	\$6,660.00
PD	8500RemO2	12	GA01515	ADD: J600 ADAPTER CABLE	\$95.00	\$1,140.00	25%	\$71.25	\$855.00
PD	8500RemO2	12	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$864.00	25%	\$54.00	\$648.00
PD	8500RemO2	12	G831	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$720.00	25%	\$45.00	\$540.00
PD	8500RemO2	12	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$4,356.00	0%	\$363.00	\$4,356.00

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
PD	8500RemO2	12	DSRFMTNTVUC	RFMT-NT TRIBAND ANTENNA	\$258.00	\$3,096.00	25%	\$193.50	\$2,322.00
PD	8500RemO3	4	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$19,080.00	25%	\$3,577.50	\$14,310.00
PD	8500RemO3	4	G67	ADD: REMOTE MOUNT O3 MP FOR CBP	\$297.00	\$1,188.00	25%	\$222.75	\$891.00
PD	8500RemO3	4	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500RemO3	4	G72	ADD: APX O3 HANDHELD CH	\$946.00	\$3,784.00	25%	\$709.50	\$2,838.00
PD	8500RemO3	4	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500RemO3	4	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$2,060.00	25%	\$386.25	\$1,545.00
PD	8500RemO3	4	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$6,000.00	25%	\$1,125.00	\$4,500.00
PD	8500RemO3	4	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$1,200.00	25%	\$225.00	\$900.00
PD	8500RemO3	4	GA09008	ADD: GROUP SERVICES	\$150.00	\$600.00	25%	\$112.50	\$450.00
PD	8500RemO3	4	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$400.00	25%	\$75.00	\$300.00
PD	8500RemO3	4	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$1,800.00	25%	\$337.50	\$1,350.00
PD	8500RemO3	4	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500RemO3	4	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$20.00	25%	\$3.75	\$15.00
PD	8500RemO3	4	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$1,900.00	25%	\$356.25	\$1,425.00
PD	8500RemO3	4	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$2,960.00	25%	\$555.00	\$2,220.00
PD	8500RemO3	4	GA01515	ADD: J600 ADAPTER CABLE	\$95.00	\$380.00	25%	\$71.25	\$285.00
PD	8500RemO3	4	G90	ADD: NO MICROPHONE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500RemO3	4	G831	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$240.00	25%	\$45.00	\$180.00
PD	8500RemO3	4	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$1,452.00	0%	\$363.00	\$1,452.00
PD	8500RemO3	4	DSRFMTNTVUC	RFMT-NT TRIBAND ANTENNA	\$258.00	\$1,032.00	25%	\$193.50	\$774.00
PD	8500DualO2	2	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$9,540.00	25%	\$3,577.50	\$7,155.00
PD	8500DualO2	2	G67	ADD: REMOTE MOUNT O3 MP FOR CBP	\$297.00	\$594.00	25%	\$222.75	\$445.50
PD	8500DualO2	2	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500DualO2	2	GA00804	ADD: APX O2 CONTROL HEAD	\$492.00	\$984.00	25%	\$369.00	\$738.00
PD	8500DualO2	2	GA00092	ADD: APX DUAL-CONTROL HARDWARE (07 ARABIC)	\$570.00	\$1,140.00	25%	\$427.50	\$855.00
PD	8500DualO2	2	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500DualO2	2	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$1,030.00	25%	\$386.25	\$772.50
PD	8500DualO2	2	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$3,000.00	25%	\$1,125.00	\$2,250.00
PD	8500DualO2	2	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$600.00	25%	\$225.00	\$450.00
PD	8500DualO2	2	GA09008	ADD: GROUP SERVICES	\$150.00	\$300.00	25%	\$112.50	\$225.00
PD	8500DualO2	2	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$200.00	25%	\$75.00	\$150.00
PD	8500DualO2	2	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$900.00	25%	\$337.50	\$675.00
PD	8500DualO2	2	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500DualO2	2	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$10.00	25%	\$3.75	\$7.50
PD	8500DualO2	2	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$950.00	25%	\$356.25	\$712.50
PD	8500DualO2	2	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$1,480.00	25%	\$555.00	\$1,110.00
PD	8500DualO2	4	G610	ADD: REMOTE MOUNT CBL 30 FEET	\$25.00	\$100.00	25%	\$18.75	\$75.00
PD	8500DualO2	2	GA01515	ADD: J600 ADAPTER CABLE	\$95.00	\$190.00	25%	\$71.25	\$142.50
PD	8500DualO2	4	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$288.00	25%	\$54.00	\$216.00
PD	8500DualO2	4	G831	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$240.00	25%	\$45.00	\$180.00
PD	8500DualO2	2	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$726.00	0%	\$363.00	\$726.00

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
PD	8500DualO2	2	DSRFMTNTVUC	RFMT-NT TRIBAND ANTENNA	\$258.00	\$516.00	25%	\$193.50	\$387.00
PD	8500DualO2	3	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$14,310.00	25%	\$3,577.50	\$10,732.50
PD	8500DualO2	3	G67	ADD: REMOTE MOUNT O3 MP FOR CBP	\$297.00	\$891.00	25%	\$222.75	\$668.25
PD	8500DualO2	3	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500DualO2	3	GA00804	ADD: APX O2 CONTROL HEAD	\$492.00	\$1,476.00	25%	\$369.00	\$1,107.00
PD	8500DualO2	3	GA00092	ADD: APX DUAL-CONTROL HARDWARE (07 ARABIC)	\$570.00	\$1,710.00	25%	\$427.50	\$1,282.50
PD	8500DualO2	3	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500DualO2	3	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$1,545.00	25%	\$386.25	\$1,158.75
PD	8500DualO2	3	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$4,500.00	25%	\$1,125.00	\$3,375.00
PD	8500DualO2	3	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$900.00	25%	\$225.00	\$675.00
PD	8500DualO2	3	GA00631	ADD: DVRS MSU ACTIVATION	\$250.00	\$750.00	25%	\$187.50	\$562.50
PD	8500DualO2	3	GA09008	ADD: GROUP SERVICES	\$150.00	\$450.00	25%	\$112.50	\$337.50
PD	8500DualO2	3	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$300.00	25%	\$75.00	\$225.00
PD	8500DualO2	3	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$1,350.00	25%	\$337.50	\$1,012.50
PD	8500DualO2	3	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	8500DualO2	3	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$15.00	25%	\$3.75	\$11.25
PD	8500DualO2	3	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$1,425.00	25%	\$356.25	\$1,068.75
PD	8500DualO2	3	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$2,220.00	25%	\$555.00	\$1,665.00
PD	8500DualO2	6	G610	ADD: REMOTE MOUNT CBL 30 FEET	\$25.00	\$150.00	25%	\$18.75	\$112.50
PD	8500DualO2	3	GA01515	ADD: J600 ADAPTER CABLE	\$95.00	\$285.00	25%	\$71.25	\$213.75
PD	8500DualO2	6	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$432.00	25%	\$54.00	\$324.00
PD	8500DualO2	6	G831	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$360.00	25%	\$45.00	\$270.00
PD	8500DualO2	3	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$1,089.00	0%	\$363.00	\$1,089.00
PD	8500DualO2	3	DSRFMTNTVUC	RFMT-NT TRIBAND ANTENNA	\$258.00	\$774.00	25%	\$193.50	\$580.50
PD	VRX1000	3	TT2794	VRX1000-7/800 769-775/851-869 MHZ	\$3,350.00	\$10,050.00	25%	\$2,512.50	\$7,537.50
PD	VRX1000	3	TT06279AA	DVR/VRX FOR USE WITH ALL BAND APX8500 MOBILE	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	VRX1000	3	TT05951AA	VRX1000 P25 DIGITAL CONVENTIONAL OPERATION	\$1,560.00	\$4,680.00	25%	\$1,170.00	\$3,510.00
PD	VRX1000	3	TT05953AA	VRX1000 P25 ENHANCED TRUNKING OPERATION	\$1,680.00	\$5,040.00	25%	\$1,260.00	\$3,780.00
PD	VRX1000	3	TT05950AA	VRX1000 IN-BAND FILTER KIT 700/800MHZ PLAN B	\$2,150.00	\$6,450.00	25%	\$1,612.50	\$4,837.50
PD	VRX1000	3	TT05956AA	DEL: DELETE STANDARD CONTROL CABLE - VRX1000	-\$110.00	-\$330.00	25%	-\$82.50	-\$247.50
PD	VRX1000	3	TT05964AA	VRX1000 Y CONTROL CABLE AUX 3FT	\$360.00	\$1,080.00	25%	\$270.00	\$810.00
PD	VRX1000	3	DDN2808	SINGLE RELAY ASS. FOR APX8500 INTERFACE	\$805.00	\$2,415.00	25%	\$603.75	\$1,811.25
PD	VRX1000	3	DDN2081	VRX1000 IN-BAND 4 YEAR EXTENDED WARRANTY	\$1,059.00	\$3,177.00	25%	\$794.25	\$2,382.75
PD	VRX1000	3	HAF4016	ANTENNA (762-870 MHZ) 1/4 WAVE	\$23.00	\$69.00	25%	\$17.25	\$51.75
PD	VRX1000	1	DDN1968	VRX1000 PROGRAMMING CABLE	\$203.00	\$203.00	25%	\$152.25	\$152.25
PD	APX6000	78	H98UCF9PW6BN	APX6000 700/800 MODEL 2.5 PORTABLE	\$2,938.00	\$229,164.00	25%	\$2,203.50	\$171,873.00
PD	APX6000	78	Q806	ADD: ASTRO DIGITAL CAI OPERATION	\$515.00	\$40,170.00	25%	\$386.25	\$30,127.50
PD	APX6000	78	H38	ADD: SMARTZONE OPERATION	\$1,200.00	\$93,600.00	25%	\$900.00	\$70,200.00
PD	APX6000	78	Q361	ADD: P25 9600 BAUD TRUNKING	\$300.00	\$23,400.00	25%	\$225.00	\$17,550.00
PD	APX6000	78	QA00580	ADD: TDMA OPERATION	\$450.00	\$35,100.00	25%	\$337.50	\$26,325.00
PD	APX6000	78	G996	ADD: PROGRAMMING OVER P25 (OTAP)	\$100.00	\$7,800.00	25%	\$75.00	\$5,850.00
PD	APX6000	78	QA00631	ADD: DVRS PSU ACTIVATION	\$100.00	\$7,800.00	25%	\$75.00	\$5,850.00

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
PD	APX6000	78	QA09008	ADD: GROUP SERVICES	\$150.00	\$11,700.00	25%	\$112.50	\$8,775.00
PD	APX6000	78	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$390.00	25%	\$3.75	\$292.50
PD	APX6000	78	Q629	ENH: AES ENCRYPTION AND ADP	\$475.00	\$37,050.00	25%	\$356.25	\$27,787.50
PD	APX6000	78	Q498	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$57,720.00	25%	\$555.00	\$43,290.00
PD	APX6000	78	QA05570	ALT: LI-ION IMPRES 2 IP68 3400 MAH	\$100.00	\$7,800.00	25%	\$75.00	\$5,850.00
PD	APX6000	78	Q887	ADD: 5Y ESSENTIAL SERVICE	\$216.00	\$16,848.00	0%	\$216.00	\$16,848.00
PD	APX8000	12	H91TGD9PW6 N	APX 8000 ALL BAND PORTABLE MODEL 2.5	\$5,809.00	\$69,708.00	25%	\$4,356.75	\$52,281.00
PD	APX8000	12	Q806	ADD: ASTRO DIGITAL CAI OPERATION	\$515.00	\$6,180.00	25%	\$386.25	\$4,635.00
PD	APX8000	12	H38	ADD: SMARTZONE OPERATION	\$1,500.00	\$18,000.00	25%	\$1,125.00	\$13,500.00
PD	APX8000	12	Q361	ADD: P25 9600 BAUD TRUNKING	\$300.00	\$3,600.00	25%	\$225.00	\$2,700.00
PD	APX8000	12	QA00580	ADD: TDMA OPERATION	\$450.00	\$5,400.00	25%	\$337.50	\$4,050.00
PD	APX8000	12	G996	ADD: PROGRAMMING OVER P25 (OTAP)	\$100.00	\$1,200.00	25%	\$75.00	\$900.00
PD	APX8000	12	QA00631	ADD: DVRS PSU ACTIVATION	\$100.00	\$1,200.00	25%	\$75.00	\$900.00
PD	APX8000	12	QA09008	ADD: GROUP SERVICES	\$150.00	\$1,800.00	25%	\$112.50	\$1,350.00
PD	APX8000	12	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$60.00	25%	\$3.75	\$45.00
PD	APX8000	12	Q629	ENH: AES ENCRYPTION AND ADP	\$475.00	\$5,700.00	25%	\$356.25	\$4,275.00
PD	APX8000	12	Q498	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$8,880.00	25%	\$555.00	\$6,660.00
PD	APX8000	12	Q887	ADD: 5Y ESSENTIAL SERVICE	\$216.00	\$2,592.00	0%	\$216.00	\$2,592.00
PD	PortAcc	90	NNTN8860A	CHARGER, SINGLE-UNIT, IMPRES 2, 3A, 115VAC, US/NA	\$165.00	\$14,850.00	25%	\$123.75	\$11,137.50
PD	PortAcc	6	NNTN8844A	CHARGER, MULTI-UNIT, IMPRES 2, 6-DISP, NA/LA-PLUG, ACC USB CHGR	\$1,375.00	\$8,250.00	25%	\$1,031.25	\$6,187.50
PD	PortAcc	12	NNTN7624C	CHARGER,CHR IMP VEH EXT NA/EU KIT	\$472.00	\$5,664.00	25%	\$354.00	\$4,248.00
PD	PortAcc	90	PMMN4084A	PLUS RSM NC IP54 THRD 3.5MM JACK RX	\$95.00	\$8,550.00	25%	\$71.25	\$6,412.50
PD	PortAcc	24	PMNN4486	BATT IMPRES 2 LIION R IP68 3400T	\$163.00	\$3,912.00	25%	\$122.25	\$2,934.00
PD	PortAcc	90	PMLN7904A	LEATHER CARRY CASE WITH D-RINGS AND 2.75" SWIVEL BELT LOOP	\$79.00	\$7,110.00	25%	\$59.25	\$5,332.50
PD	BULogCons	6	L37TSS9PW1 N	ALL BAND CONSOLETTTE	\$8,040.00	\$48,240.00	25%	\$6,030.00	\$36,180.00
PD	BULogCons	6	GA05508	DEL: DELETE VHF BAND	-\$800.00	-\$4,800.00	25%	-\$600.00	-\$3,600.00
PD	BULogCons	6	GA05509	DEL: DELETE UHF BAND	-\$800.00	-\$4,800.00	25%	-\$600.00	-\$3,600.00
PD	BULogCons	6	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$3,090.00	25%	\$386.25	\$2,317.50
PD	BULogCons	6	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$9,000.00	25%	\$1,125.00	\$6,750.00
PD	BULogCons	6	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$1,800.00	25%	\$225.00	\$1,350.00
PD	BULogCons	6	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$600.00	25%	\$75.00	\$450.00
PD	BULogCons	6	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$2,700.00	25%	\$337.50	\$2,025.00
PD	BULogCons	6	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$30.00	25%	\$3.75	\$22.50
PD	BULogCons	6	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$2,850.00	25%	\$356.25	\$2,137.50
PD	BULogCons	6	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$4,440.00	25%	\$555.00	\$3,330.00
PD	BULogCons	6	L999	ADD: FULL FP W/05/KEYPAD/CLOCK/VU	\$789.00	\$4,734.00	25%	\$591.75	\$3,550.50
PD	BULogCons	6	W382	ADD: CONTROL STATION DESK GCAI MIC	\$169.00	\$1,014.00	25%	\$126.75	\$760.50
PD	BULogCons	6	CA01598	ADD: AC LINE CORD US	\$0.00	\$0.00	25%	\$0.00	\$0.00
PD	BULogCons	6	GA00318	ADD: 5Y ESSENTIAL SERVICE	\$319.00	\$1,914.00	0%	\$319.00	\$1,914.00
PD	BULogCons	6	HKN6233C	APX CONSOLETTTE RACK MOUNT KIT	\$200.00	\$1,200.00	25%	\$150.00	\$900.00
PD	BULogCons	6	CLN6679	RACK MTG HDW OUTLAW	\$41.00	\$246.00	25%	\$30.75	\$184.50
EMS	8500DashO2	6	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$28,620.00	25%	\$3,577.50	\$21,465.00

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
EMS	8500DashO2	6	G66	ADD: DASH MOUNT	\$125.00	\$750.00	25%	\$93.75	\$562.50
EMS	8500DashO2	6	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500DashO2	6	GA00804	ADD: APX O2 CONTROL HEAD	\$492.00	\$2,952.00	25%	\$369.00	\$2,214.00
EMS	8500DashO2	6	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500DashO2	6	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$3,090.00	25%	\$386.25	\$2,317.50
EMS	8500DashO2	6	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$9,000.00	25%	\$1,125.00	\$6,750.00
EMS	8500DashO2	6	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$1,800.00	25%	\$225.00	\$1,350.00
EMS	8500DashO2	6	GA09008	ADD: GROUP SERVICES	\$150.00	\$900.00	25%	\$112.50	\$675.00
EMS	8500DashO2	6	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$600.00	25%	\$75.00	\$450.00
EMS	8500DashO2	6	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$2,700.00	25%	\$337.50	\$2,025.00
EMS	8500DashO2	6	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500DashO2	6	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$30.00	25%	\$3.75	\$22.50
EMS	8500DashO2	6	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$2,850.00	25%	\$356.25	\$2,137.50
EMS	8500DashO2	6	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$4,440.00	25%	\$555.00	\$3,330.00
EMS	8500DashO2	6	GA01517	DEL: NO J600 ADAPTER CABLE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500DashO2	6	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$432.00	25%	\$54.00	\$324.00
EMS	8500DashO2	6	G831	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$360.00	25%	\$45.00	\$270.00
EMS	8500DashO2	6	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$2,178.00	0%	\$363.00	\$2,178.00
EMS	8500DashO2	6	DSRFMTNTVUC	RFMT-NT TRIBAND ANTENNA	\$258.00	\$1,548.00	25%	\$193.50	\$1,161.00
EMS	8500MotoO2	1	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$4,770.00	25%	\$3,577.50	\$3,577.50
EMS	8500MotoO2	1	G67MTCL	ADD: REMOTE MOUNT MOTORCYCLE	\$400.00	\$400.00	25%	\$300.00	\$300.00
EMS	8500MotoO2	1	G138	ADD: APX MOTORCYCLE CH SFWR	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500MotoO2	1	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500MotoO2	1	GA00804	ADD: APX O2 CONTROL HEAD	\$492.00	\$492.00	25%	\$369.00	\$369.00
EMS	8500MotoO2	1	G174	ADD: ANT 3DB LOWPRO MCYC 762-870	\$43.00	\$43.00	25%	\$32.25	\$32.25
EMS	8500MotoO2	1	GA00512	ADD: ANT MTCL 1/4 WAVE WHIP 150.8-162	\$50.00	\$50.00	25%	\$37.50	\$37.50
EMS	8500MotoO2	1	GA00507	ADD: ANT MTCL 1/4 WAVE WHIP 450-482	\$50.00	\$50.00	25%	\$37.50	\$37.50
EMS	8500MotoO2	1	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$515.00	25%	\$386.25	\$386.25
EMS	8500MotoO2	1	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$1,500.00	25%	\$1,125.00	\$1,125.00
EMS	8500MotoO2	1	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$300.00	25%	\$225.00	\$225.00
EMS	8500MotoO2	1	GA09008	ADD: GROUP SERVICES	\$150.00	\$150.00	25%	\$112.50	\$112.50
EMS	8500MotoO2	1	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$100.00	25%	\$75.00	\$75.00
EMS	8500MotoO2	1	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$450.00	25%	\$337.50	\$337.50
EMS	8500MotoO2	1	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500MotoO2	1	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$5.00	25%	\$3.75	\$3.75
EMS	8500MotoO2	1	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$475.00	25%	\$356.25	\$356.25
EMS	8500MotoO2	1	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$740.00	25%	\$555.00	\$555.00
EMS	8500MotoO2	1	GA01515	ADD: J600 ADAPTER CABLE	\$95.00	\$95.00	25%	\$71.25	\$71.25
EMS	8500MotoO2	1	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$72.00	25%	\$54.00	\$54.00
EMS	8500MotoO2	1	B18	ADD: AUXILIARY SPEAKER MOTORCYCLE	\$60.00	\$60.00	25%	\$45.00	\$45.00
EMS	8500MotoO2	1	W15	ADD: WETHR PROOF HSNG ENCLD BLK APEX 8500	\$1,200.00	\$1,200.00	25%	\$900.00	\$900.00
EMS	8500MotoO2	1	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$363.00	0%	\$363.00	\$363.00

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
EMS	8500DualO2	3	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$14,310.00	25%	\$3,577.50	\$10,732.50
EMS	8500DualO2	3	G67	ADD: REMOTE MOUNT O3 MP FOR CBP	\$297.00	\$891.00	25%	\$222.75	\$668.25
EMS	8500DualO2	3	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500DualO2	3	GA00804	ADD: APX O2 CONTROL HEAD	\$492.00	\$1,476.00	25%	\$369.00	\$1,107.00
EMS	8500DualO2	3	GA00092	ADD: APX DUAL-CONTROL HARDWARE (07 ARABIC)	\$570.00	\$1,710.00	25%	\$427.50	\$1,282.50
EMS	8500DualO2	3	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500DualO2	3	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$1,545.00	25%	\$386.25	\$1,158.75
EMS	8500DualO2	3	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$4,500.00	25%	\$1,125.00	\$3,375.00
EMS	8500DualO2	3	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$900.00	25%	\$225.00	\$675.00
EMS	8500DualO2	3	GA09008	ADD: GROUP SERVICES	\$150.00	\$450.00	25%	\$112.50	\$337.50
EMS	8500DualO2	3	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$300.00	25%	\$75.00	\$225.00
EMS	8500DualO2	3	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$1,350.00	25%	\$337.50	\$1,012.50
EMS	8500DualO2	3	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500DualO2	3	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$15.00	25%	\$3.75	\$11.25
EMS	8500DualO2	3	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$1,425.00	25%	\$356.25	\$1,068.75
EMS	8500DualO2	3	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$2,220.00	25%	\$555.00	\$1,665.00
EMS	8500DualO2	6	G610	ADD: REMOTE MOUNT CBL 30 FEET	\$25.00	\$150.00	25%	\$18.75	\$112.50
EMS	8500DualO2	3	GA01515	ADD: J600 ADAPTER CABLE	\$95.00	\$285.00	25%	\$71.25	\$213.75
EMS	8500DualO2	6	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$432.00	25%	\$54.00	\$324.00
EMS	8500DualO2	6	G831	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$360.00	25%	\$45.00	\$270.00
EMS	8500DualO2	3	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$1,089.00	0%	\$363.00	\$1,089.00
EMS	8500DualO2	3	DSRFMTNTVUC	RFMT-NT TRIBAND ANTENNA	\$258.00	\$774.00	25%	\$193.50	\$580.50
EMS	8500DualO2	3	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$14,310.00	25%	\$3,577.50	\$10,732.50
EMS	8500DualO2	3	G67	ADD: REMOTE MOUNT O3 MP FOR CBP	\$297.00	\$891.00	25%	\$222.75	\$668.25
EMS	8500DualO2	3	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500DualO2	3	GA00804	ADD: APX O2 CONTROL HEAD	\$492.00	\$1,476.00	25%	\$369.00	\$1,107.00
EMS	8500DualO2	3	GA00092	ADD: APX DUAL-CONTROL HARDWARE (07 ARABIC)	\$570.00	\$1,710.00	25%	\$427.50	\$1,282.50
EMS	8500DualO2	3	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500DualO2	3	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$1,545.00	25%	\$386.25	\$1,158.75
EMS	8500DualO2	3	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$4,500.00	25%	\$1,125.00	\$3,375.00
EMS	8500DualO2	3	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$900.00	25%	\$225.00	\$675.00
EMS	8500DualO2	3	GA00631	ADD: DVRS MSU ACTIVATION	\$250.00	\$750.00	25%	\$187.50	\$562.50
EMS	8500DualO2	3	GA09008	ADD: GROUP SERVICES	\$150.00	\$450.00	25%	\$112.50	\$337.50
EMS	8500DualO2	3	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$300.00	25%	\$75.00	\$225.00
EMS	8500DualO2	3	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$1,350.00	25%	\$337.50	\$1,012.50
EMS	8500DualO2	3	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500DualO2	3	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$15.00	25%	\$3.75	\$11.25
EMS	8500DualO2	3	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$1,425.00	25%	\$356.25	\$1,068.75
EMS	8500DualO2	3	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$2,220.00	25%	\$555.00	\$1,665.00
EMS	8500DualO2	6	G610	ADD: REMOTE MOUNT CBL 30 FEET	\$25.00	\$150.00	25%	\$18.75	\$112.50
EMS	8500DualO2	3	GA01515	ADD: J600 ADAPTER CABLE	\$95.00	\$285.00	25%	\$71.25	\$213.75
EMS	8500DualO2	6	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$432.00	25%	\$54.00	\$324.00



Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
EMS	8500DualO2	6	G831	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$360.00	25%	\$45.00	\$270.00
EMS	8500DualO2	3	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$1,089.00	0%	\$363.00	\$1,089.00
EMS	8500DualO2	3	DSRFMTNTVUC	RFMT-NT TRIBAND ANTENNA	\$258.00	\$774.00	25%	\$193.50	\$580.50
EMS	8500RemO3	1	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$4,770.00	25%	\$3,577.50	\$3,577.50
EMS	8500RemO3	1	G67	ADD: REMOTE MOUNT O3 MP FOR CBP	\$297.00	\$297.00	25%	\$222.75	\$222.75
EMS	8500RemO3	1	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500RemO3	1	G72	ADD: APX O3 HANDHELD CH	\$946.00	\$946.00	25%	\$709.50	\$709.50
EMS	8500RemO3	1	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500RemO3	1	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$515.00	25%	\$386.25	\$386.25
EMS	8500RemO3	1	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$1,500.00	25%	\$1,125.00	\$1,125.00
EMS	8500RemO3	1	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$300.00	25%	\$225.00	\$225.00
EMS	8500RemO3	1	GA09008	ADD: GROUP SERVICES	\$150.00	\$150.00	25%	\$112.50	\$112.50
EMS	8500RemO3	1	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$100.00	25%	\$75.00	\$75.00
EMS	8500RemO3	1	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$450.00	25%	\$337.50	\$337.50
EMS	8500RemO3	1	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500RemO3	1	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$5.00	25%	\$3.75	\$3.75
EMS	8500RemO3	1	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$475.00	25%	\$356.25	\$356.25
EMS	8500RemO3	1	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$740.00	25%	\$555.00	\$555.00
EMS	8500RemO3	1	GA01515	ADD: J600 ADAPTER CABLE	\$95.00	\$95.00	25%	\$71.25	\$71.25
EMS	8500RemO3	1	G90	ADD: NO MICROPHONE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	8500RemO3	1	G831	ADD: SPKR 15W WATER RESISTANT	\$60.00	\$60.00	25%	\$45.00	\$45.00
EMS	8500RemO3	1	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$363.00	0%	\$363.00	\$363.00
EMS	8500RemO3	1	DSRFMTNTVUC	RFMT-NT TRIBAND ANTENNA	\$258.00	\$258.00	25%	\$193.50	\$193.50
EMS	VRX1000	3	TT2794	VRX1000-7/800 769-775/851-869 MHZ	\$3,350.00	\$10,050.00	25%	\$2,512.50	\$7,537.50
EMS	VRX1000	3	TT06279AA	DVR/VRX FOR USE WITH ALL BAND APX8500 MOBILE	\$0.00	\$0.00	25%	\$0.00	\$0.00
EMS	VRX1000	3	TT05951AA	VRX1000 P25 DIGITAL CONVENTIONAL OPERATION	\$1,560.00	\$4,680.00	25%	\$1,170.00	\$3,510.00
EMS	VRX1000	3	TT05953AA	VRX1000 P25 ENHANCED TRUNKING OPERATION	\$1,680.00	\$5,040.00	25%	\$1,260.00	\$3,780.00
EMS	VRX1000	3	TT05950AA	VRX1000 IN-BAND FILTER KIT 700/800MHZ PLAN B	\$2,150.00	\$6,450.00	25%	\$1,612.50	\$4,837.50
EMS	VRX1000	3	TT05956AA	DEL: DELETE STANDARD CONTROL CABLE - VRX1000	-\$110.00	-\$330.00	25%	-\$82.50	-\$247.50
EMS	VRX1000	3	TT05964AA	VRX1000 Y CONTROL CABLE AUX 3FT	\$360.00	\$1,080.00	25%	\$270.00	\$810.00
EMS	VRX1000	3	DDN2808	SINGLE RELAY ASS. FOR APX8500 INTERFACE	\$805.00	\$2,415.00	25%	\$603.75	\$1,811.25
EMS	VRX1000	3	DDN2081	VRX1000 IN-BAND 4 YEAR EXTENDED WARRANTY	\$1,059.00	\$3,177.00	25%	\$794.25	\$2,382.75
EMS	VRX1000	3	HAF4016	ANTENNA (762-870 MHZ) 1/4 WAVE	\$23.00	\$69.00	25%	\$17.25	\$51.75
EMS	VRX1000	1	DDN1968	VRX1000 PROGRAMMING CABLE	\$203.00	\$203.00	25%	\$152.25	\$152.25
EMS	APX8000	28	H91TGD9PW6 N	APX 8000 ALL BAND PORTABLE MODEL 2.5	\$5,809.00	\$162,652.00	25%	\$4,356.75	\$121,989.00
EMS	APX8000	28	Q806	ADD: ASTRO DIGITAL CAI OPERATION	\$515.00	\$14,420.00	25%	\$386.25	\$10,815.00
EMS	APX8000	28	H38	ADD: SMARTZONE OPERATION	\$1,500.00	\$42,000.00	25%	\$1,125.00	\$31,500.00
EMS	APX8000	28	Q361	ADD: P25 9600 BAUD TRUNKING	\$300.00	\$8,400.00	25%	\$225.00	\$6,300.00
EMS	APX8000	28	QA00580	ADD: TDMA OPERATION	\$450.00	\$12,600.00	25%	\$337.50	\$9,450.00
EMS	APX8000	28	G996	ADD: PROGRAMMING OVER P25 (OTAP)	\$100.00	\$2,800.00	25%	\$75.00	\$2,100.00
EMS	APX8000	28	QA00631	ADD: DVRS PSU ACTIVATION	\$100.00	\$2,800.00	25%	\$75.00	\$2,100.00
EMS	APX8000	28	QA09008	ADD: GROUP SERVICES	\$150.00	\$4,200.00	25%	\$112.50	\$3,150.00

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
EMS	APX8000	28	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$140.00	25%	\$3.75	\$105.00
EMS	APX8000	28	Q629	ENH: AES ENCRYPTION AND ADP	\$475.00	\$13,300.00	25%	\$356.25	\$9,975.00
EMS	APX8000	28	Q498	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$20,720.00	25%	\$555.00	\$15,540.00
EMS	APX8000	28	Q887	ADD: 5Y ESSENTIAL SERVICE	\$216.00	\$6,048.00	0%	\$216.00	\$6,048.00
EMS	PortAcc	12	NNTN8860A	CHARGER, SINGLE-UNIT, IMPRES 2, 3A, 115VAC, US/NA	\$165.00	\$1,980.00	25%	\$123.75	\$1,485.00
EMS	PortAcc	1	NNTN8844A	CHARGER, MULTI-UNIT, IMPRES 2, 6-DISP, NA/LA-PLUG, ACC USB CHGR	\$1,375.00	\$1,375.00	25%	\$1,031.25	\$1,031.25
EMS	PortAcc	11	NNTN7624C	CHARGER,CHR IMP VEH EXT NA/EU KIT	\$472.00	\$5,192.00	25%	\$354.00	\$3,894.00
EMS	PortAcc	27	HMN4103B	IMPRES RSM DSPLY W JACK, NO CHNL	\$345.00	\$9,315.00	25%	\$258.75	\$6,986.25
EMS	PortAcc	1	HMN4104B	IMPRES RSM DSPLY W JACK, W CHNL	\$454.00	\$454.00	25%	\$340.50	\$340.50
EMS	PortAcc	18	PMLN7904A	LEATHER CARRY CASE WITH D-RINGS AND 2.75" SWIVEL BELT LOOP	\$79.00	\$1,422.00	25%	\$59.25	\$1,066.50
School	APX6000	8	H98UCF9PW6BN	APX6000 700/800 MODEL 2.5 PORTABLE	\$2,938.00	\$23,504.00	25%	\$2,203.50	\$17,628.00
School	APX6000	8	Q806	ADD: ASTRO DIGITAL CAI OPERATION	\$515.00	\$4,120.00	25%	\$386.25	\$3,090.00
School	APX6000	8	H38	ADD: SMARTZONE OPERATION	\$1,200.00	\$9,600.00	25%	\$900.00	\$7,200.00
School	APX6000	8	Q361	ADD: P25 9600 BAUD TRUNKING	\$300.00	\$2,400.00	25%	\$225.00	\$1,800.00
School	APX6000	8	QA00580	ADD: TDMA OPERATION	\$450.00	\$3,600.00	25%	\$337.50	\$2,700.00
School	APX6000	8	G996	ADD: PROGRAMMING OVER P25 (OTAP)	\$100.00	\$800.00	25%	\$75.00	\$600.00
School	APX6000	8	QA09008	ADD: GROUP SERVICES	\$150.00	\$1,200.00	25%	\$112.50	\$900.00
School	APX6000	8	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$40.00	25%	\$3.75	\$30.00
School	APX6000	8	Q629	ENH: AES ENCRYPTION AND ADP	\$475.00	\$3,800.00	25%	\$356.25	\$2,850.00
School	APX6000	8	Q498	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$5,920.00	25%	\$555.00	\$4,440.00
School	APX6000	8	Q887	ADD: 5Y ESSENTIAL SERVICE	\$216.00	\$1,728.00	0%	\$216.00	\$1,728.00
School	PortAcc	8	NNTN8860A	CHARGER, SINGLE-UNIT, IMPRES 2, 3A, 115VAC, US/NA	\$165.00	\$1,320.00	25%	\$123.75	\$990.00
Parks	APX8000	4	H91TGD9PW6 N	APX 8000 ALL BAND PORTABLE MODEL 2.5	\$5,809.00	\$23,236.00	25%	\$4,356.75	\$17,427.00
Parks	APX8000	4	Q806	ADD: ASTRO DIGITAL CAI OPERATION	\$515.00	\$2,060.00	25%	\$386.25	\$1,545.00
Parks	APX8000	4	H38	ADD: SMARTZONE OPERATION	\$1,500.00	\$6,000.00	25%	\$1,125.00	\$4,500.00
Parks	APX8000	4	Q361	ADD: P25 9600 BAUD TRUNKING	\$300.00	\$1,200.00	25%	\$225.00	\$900.00
Parks	APX8000	4	QA00580	ADD: TDMA OPERATION	\$450.00	\$1,800.00	25%	\$337.50	\$1,350.00
Parks	APX8000	4	G996	ADD: PROGRAMMING OVER P25 (OTAP)	\$100.00	\$400.00	25%	\$75.00	\$300.00
Parks	APX8000	4	QA00631	ADD: DVRS PSU ACTIVATION	\$100.00	\$400.00	25%	\$75.00	\$300.00
Parks	APX8000	4	QA09008	ADD: GROUP SERVICES	\$150.00	\$600.00	25%	\$112.50	\$450.00
Parks	APX8000	4	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$20.00	25%	\$3.75	\$15.00
Parks	APX8000	4	Q887	ADD: 5Y ESSENTIAL SERVICE	\$216.00	\$864.00	0%	\$216.00	\$864.00
Parks	PortAcc	4	NNTN8860A	CHARGER, SINGLE-UNIT, IMPRES 2, 3A, 115VAC, US/NA	\$165.00	\$660.00	25%	\$123.75	\$495.00
Town	APX6000	10	H98UCF9PW6BN	APX6000 700/800 MODEL 2.5 PORTABLE	\$2,938.00	\$29,380.00	25%	\$2,203.50	\$22,035.00
Town	APX6000	10	Q806	ADD: ASTRO DIGITAL CAI OPERATION	\$515.00	\$5,150.00	25%	\$386.25	\$3,862.50
Town	APX6000	10	H38	ADD: SMARTZONE OPERATION	\$1,200.00	\$12,000.00	25%	\$900.00	\$9,000.00
Town	APX6000	10	Q361	ADD: P25 9600 BAUD TRUNKING	\$300.00	\$3,000.00	25%	\$225.00	\$2,250.00
Town	APX6000	10	QA00580	ADD: TDMA OPERATION	\$450.00	\$4,500.00	25%	\$337.50	\$3,375.00
Town	APX6000	10	G996	ADD: PROGRAMMING OVER P25 (OTAP)	\$100.00	\$1,000.00	25%	\$75.00	\$750.00
Town	APX6000	10	QA09008	ADD: GROUP SERVICES	\$150.00	\$1,500.00	25%	\$112.50	\$1,125.00
Town	APX6000	10	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$50.00	25%	\$3.75	\$37.50
Town	APX6000	10	Q629	ENH: AES ENCRYPTION AND ADP	\$475.00	\$4,750.00	25%	\$356.25	\$3,562.50

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
Town	APX6000	10	Q498	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$7,400.00	25%	\$555.00	\$5,550.00
Town	APX6000	10	Q887	ADD: 5Y ESSENTIAL SERVICE	\$216.00	\$2,160.00	0%	\$216.00	\$2,160.00
Town	PortAcc	10	NNTN8860A	CHARGER, SINGLE-UNIT, IMPRES 2, 3A, 115VAC, US/NA	\$165.00	\$1,650.00	25%	\$123.75	\$1,237.50
Spare	6500DashO2	1	M25URS9PW1BN	APX6500 ENHANCED 7/800 MHZ	\$2,738.00	\$2,738.00	25%	\$2,053.50	\$2,053.50
Spare	6500DashO2	1	G66	ADD: DASH MOUNT APXM	\$125.00	\$125.00	25%	\$93.75	\$93.75
Spare	6500DashO2	1	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500DashO2	1	GA00804	ADD: APX O2 CONTROL HEAD	\$492.00	\$492.00	25%	\$369.00	\$369.00
Spare	6500DashO2	1	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500DashO2	1	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$515.00	25%	\$386.25	\$386.25
Spare	6500DashO2	1	G51	ENH: SMARTZONE OPERATION APX6500	\$1,200.00	\$1,200.00	25%	\$900.00	\$900.00
Spare	6500DashO2	1	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$300.00	25%	\$225.00	\$225.00
Spare	6500DashO2	1	GA09008	ADD: GROUP SERVICES	\$150.00	\$150.00	25%	\$112.50	\$112.50
Spare	6500DashO2	1	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$100.00	25%	\$75.00	\$75.00
Spare	6500DashO2	1	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$450.00	25%	\$337.50	\$337.50
Spare	6500DashO2	1	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500DashO2	1	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$5.00	25%	\$3.75	\$3.75
Spare	6500DashO2	1	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$475.00	25%	\$356.25	\$356.25
Spare	6500DashO2	1	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$740.00	25%	\$555.00	\$555.00
Spare	6500DashO2	1	G90	ADD: NO MICROPHONE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500DashO2	1	G142	ADD: NO SPEAKER NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500DashO2	1	GA00318	ADD: 5Y ESSENTIAL SERVICE	\$258.00	\$258.00	0%	\$258.00	\$258.00
Spare	6500MotoO2	1	M25URS9PW1BN	APX6500 ENHANCED 7/800 MHZ	\$2,738.00	\$2,738.00	25%	\$2,053.50	\$2,053.50
Spare	6500MotoO2	1	G67DP	ADD: REMOTE NO CONTROL HEAD APXM	\$297.00	\$297.00	25%	\$222.75	\$222.75
Spare	6500MotoO2	1	G138	ADD: APX MOTORCYCLE CH SFWR	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500MotoO2	1	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500MotoO2	1	G88	ADD: APX MOBILE NO CONTROL HEAD	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500MotoO2	1	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500MotoO2	1	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$515.00	25%	\$386.25	\$386.25
Spare	6500MotoO2	1	G51	ENH: SMARTZONE OPERATION APX6500	\$1,200.00	\$1,200.00	25%	\$900.00	\$900.00
Spare	6500MotoO2	1	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$300.00	25%	\$225.00	\$225.00
Spare	6500MotoO2	1	GA09008	ADD: GROUP SERVICES	\$150.00	\$150.00	25%	\$112.50	\$112.50
Spare	6500MotoO2	1	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$100.00	25%	\$75.00	\$75.00
Spare	6500MotoO2	1	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$450.00	25%	\$337.50	\$337.50
Spare	6500MotoO2	1	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500MotoO2	1	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$5.00	25%	\$3.75	\$3.75
Spare	6500MotoO2	1	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$475.00	25%	\$356.25	\$356.25
Spare	6500MotoO2	1	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$740.00	25%	\$555.00	\$555.00
Spare	6500MotoO2	1	GA00179	ADD: NO REMOTE CABLE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500MotoO2	1	G90	ADD: NO MICROPHONE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500MotoO2	1	G142	ADD: NO SPEAKER NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500MotoO2	1	GA00318	ADD: 5Y ESSENTIAL SERVICE	\$258.00	\$258.00	0%	\$258.00	\$258.00
Spare	6500Rem	4	M25URS9PW1BN	APX6500 ENHANCED 7/800 MHZ	\$2,738.00	\$10,952.00	25%	\$2,053.50	\$8,214.00

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
Spare	6500Rem	4	G67	ADD: REMOTE MOUNT APXM	\$297.00	\$1,188.00	25%	\$222.75	\$891.00
Spare	6500Rem	4	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500Rem	4	G88	ADD: APX MOBILE NO CONTROL HEAD	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500Rem	4	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500Rem	4	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$2,060.00	25%	\$386.25	\$1,545.00
Spare	6500Rem	4	G51	ENH: SMARTZONE OPERATION APX6500	\$1,200.00	\$4,800.00	25%	\$900.00	\$3,600.00
Spare	6500Rem	4	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$1,200.00	25%	\$225.00	\$900.00
Spare	6500Rem	4	GA09008	ADD: GROUP SERVICES	\$150.00	\$600.00	25%	\$112.50	\$450.00
Spare	6500Rem	4	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$400.00	25%	\$75.00	\$300.00
Spare	6500Rem	4	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$1,800.00	25%	\$337.50	\$1,350.00
Spare	6500Rem	4	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500Rem	4	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$20.00	25%	\$3.75	\$15.00
Spare	6500Rem	4	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$1,900.00	25%	\$356.25	\$1,425.00
Spare	6500Rem	4	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$2,960.00	25%	\$555.00	\$2,220.00
Spare	6500Rem	1	GA00179	ADD: NO REMOTE CABLE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500Rem	4	G90	ADD: NO MICROPHONE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500Rem	4	G142	ADD: NO SPEAKER NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	6500Rem	4	GA00318	ADD: 5Y ESSENTIAL SERVICE	\$258.00	\$1,032.00	0%	\$258.00	\$1,032.00
Spare	8500DashO2	2	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$9,540.00	25%	\$3,577.50	\$7,155.00
Spare	8500DashO2	2	G66	ADD: DASH MOUNT	\$125.00	\$250.00	25%	\$93.75	\$187.50
Spare	8500DashO2	2	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500DashO2	2	GA00804	ADD: APX O2 CONTROL HEAD	\$492.00	\$984.00	25%	\$369.00	\$738.00
Spare	8500DashO2	2	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500DashO2	2	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$1,030.00	25%	\$386.25	\$772.50
Spare	8500DashO2	2	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$3,000.00	25%	\$1,125.00	\$2,250.00
Spare	8500DashO2	2	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$600.00	25%	\$225.00	\$450.00
Spare	8500DashO2	2	GA09008	ADD: GROUP SERVICES	\$150.00	\$300.00	25%	\$112.50	\$225.00
Spare	8500DashO2	2	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$200.00	25%	\$75.00	\$150.00
Spare	8500DashO2	2	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$900.00	25%	\$337.50	\$675.00
Spare	8500DashO2	2	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500DashO2	2	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$10.00	25%	\$3.75	\$7.50
Spare	8500DashO2	2	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$950.00	25%	\$356.25	\$712.50
Spare	8500DashO2	2	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$1,480.00	25%	\$555.00	\$1,110.00
Spare	8500DashO2	2	GA01517	DEL: NO J600 ADAPTER CABLE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500DashO2	2	G90	ADD: NO MICROPHONE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500DashO2	2	G142	ADD: NO SPEAKER NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500DashO2	2	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$726.00	0%	\$363.00	\$726.00
Spare	8500E5CS	1	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$4,770.00	25%	\$3,577.50	\$3,577.50
Spare	8500E5CS	1	G66	ADD: DASH MOUNT	\$125.00	\$125.00	25%	\$93.75	\$93.75
Spare	8500E5CS	1	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500E5CS	1	GA01670	ADD: APX E5 CONTROL HEAD	\$572.00	\$572.00	25%	\$429.00	\$429.00
Spare	8500E5CS	1	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
Spare	8500E5CS	1	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$515.00	25%	\$386.25	\$386.25
Spare	8500E5CS	1	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$1,500.00	25%	\$1,125.00	\$1,125.00
Spare	8500E5CS	1	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$300.00	25%	\$225.00	\$225.00
Spare	8500E5CS	1	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$100.00	25%	\$75.00	\$75.00
Spare	8500E5CS	1	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$450.00	25%	\$337.50	\$337.50
Spare	8500E5CS	1	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500E5CS	1	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$5.00	25%	\$3.75	\$3.75
Spare	8500E5CS	1	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$475.00	25%	\$356.25	\$356.25
Spare	8500E5CS	1	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$740.00	25%	\$555.00	\$555.00
Spare	8500E5CS	1	GA01517	DEL: NO J600 ADAPTER CABLE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500E5CS	1	G90	ADD: NO MICROPHONE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500E5CS	1	G142	ADD: NO SPEAKER NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500E5CS	1	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$363.00	0%	\$363.00	\$363.00
Spare	8500MotoO2	1	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$4,770.00	25%	\$3,577.50	\$3,577.50
Spare	8500MotoO2	1	G67NMTCL	ADD: REM MT NO CH MOTORCYCLE	\$400.00	\$400.00	25%	\$300.00	\$300.00
Spare	8500MotoO2	1	G138	ADD: APX MOTORCYCLE CH SFWR	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500MotoO2	1	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500MotoO2	1	G88	ADD: APX8500 NO 05/03/02/07/09 CH NEEDED MTCL	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500MotoO2	1	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500MotoO2	1	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$515.00	25%	\$386.25	\$386.25
Spare	8500MotoO2	1	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$1,500.00	25%	\$1,125.00	\$1,125.00
Spare	8500MotoO2	1	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$300.00	25%	\$225.00	\$225.00
Spare	8500MotoO2	1	GA09008	ADD: GROUP SERVICES	\$150.00	\$150.00	25%	\$112.50	\$112.50
Spare	8500MotoO2	1	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$100.00	25%	\$75.00	\$75.00
Spare	8500MotoO2	1	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$450.00	25%	\$337.50	\$337.50
Spare	8500MotoO2	1	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500MotoO2	1	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$5.00	25%	\$3.75	\$3.75
Spare	8500MotoO2	1	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$475.00	25%	\$356.25	\$356.25
Spare	8500MotoO2	1	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$740.00	25%	\$555.00	\$555.00
Spare	8500MotoO2	1	GA00179	ADD: NO REMOTE CABLE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500MotoO2	1	GA01515	ADD: J600 ADAPTER CABLE	\$95.00	\$95.00	25%	\$71.25	\$71.25
Spare	8500MotoO2	1	G90	ADD: NO MICROPHONE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500MotoO2	1	G142	ADD: NO SPEAKER NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500MotoO2	1	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$363.00	0%	\$363.00	\$363.00
Spare	8500RemDVR	1	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$4,770.00	25%	\$3,577.50	\$3,577.50
Spare	8500RemDVR	1	G67	ADD: REMOTE MOUNT O3 MP FOR CBP	\$297.00	\$297.00	25%	\$222.75	\$222.75
Spare	8500RemDVR	1	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500RemDVR	1	G88	ADD: APX8500 NO 05/03/02/07/09 CH NEEDED MTCL	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500RemDVR	1	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500RemDVR	1	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$515.00	25%	\$386.25	\$386.25
Spare	8500RemDVR	1	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$1,500.00	25%	\$1,125.00	\$1,125.00
Spare	8500RemDVR	1	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$300.00	25%	\$225.00	\$225.00

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
Spare	8500RemDVR	1	GA00631	ADD: DVRS MSU ACTIVATION	\$250.00	\$250.00	25%	\$187.50	\$187.50
Spare	8500RemDVR	1	GA09008	ADD: GROUP SERVICES	\$150.00	\$150.00	25%	\$112.50	\$112.50
Spare	8500RemDVR	1	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$100.00	25%	\$75.00	\$75.00
Spare	8500RemDVR	1	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$450.00	25%	\$337.50	\$337.50
Spare	8500RemDVR	1	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500RemDVR	1	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$5.00	25%	\$3.75	\$3.75
Spare	8500RemDVR	1	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$475.00	25%	\$356.25	\$356.25
Spare	8500RemDVR	1	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$740.00	25%	\$555.00	\$555.00
Spare	8500RemDVR	1	GA00179	ADD: NO REMOTE CABLE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500RemDVR	1	GA01515	ADD: J600 ADAPTER CABLE	\$95.00	\$95.00	25%	\$71.25	\$71.25
Spare	8500RemDVR	1	G90	ADD: NO MICROPHONE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500RemDVR	1	G142	ADD: NO SPEAKER NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500RemDVR	1	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$363.00	0%	\$363.00	\$363.00
Spare	8500Rem	3	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$14,310.00	25%	\$3,577.50	\$10,732.50
Spare	8500Rem	3	G67	ADD: REMOTE MOUNT O3 MP FOR CBP	\$297.00	\$891.00	25%	\$222.75	\$668.25
Spare	8500Rem	3	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500Rem	3	G88	ADD: APX8500 NO 05/03/02/07/09 CH NEEDED MTCL	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500Rem	3	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500Rem	3	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$1,545.00	25%	\$386.25	\$1,158.75
Spare	8500Rem	3	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$4,500.00	25%	\$1,125.00	\$3,375.00
Spare	8500Rem	3	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$900.00	25%	\$225.00	\$675.00
Spare	8500Rem	3	GA09008	ADD: GROUP SERVICES	\$150.00	\$450.00	25%	\$112.50	\$337.50
Spare	8500Rem	3	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$300.00	25%	\$75.00	\$225.00
Spare	8500Rem	3	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$1,350.00	25%	\$337.50	\$1,012.50
Spare	8500Rem	3	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500Rem	3	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$15.00	25%	\$3.75	\$11.25
Spare	8500Rem	3	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$1,425.00	25%	\$356.25	\$1,068.75
Spare	8500Rem	3	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$2,220.00	25%	\$555.00	\$1,665.00
Spare	8500Rem	3	GA00179	ADD: NO REMOTE CABLE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500Rem	3	GA01515	ADD: J600 ADAPTER CABLE	\$95.00	\$285.00	25%	\$71.25	\$213.75
Spare	8500Rem	3	G90	ADD: NO MICROPHONE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500Rem	3	G142	ADD: NO SPEAKER NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500Rem	3	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$1,089.00	0%	\$363.00	\$1,089.00
Spare	8500Rem03	1	M37TSS9PW1 N	APX8500 ALL BAND MP MOBILE	\$4,770.00	\$4,770.00	25%	\$3,577.50	\$3,577.50
Spare	8500Rem03	1	G67	ADD: REMOTE MOUNT O3 MP FOR CBP	\$297.00	\$297.00	25%	\$222.75	\$222.75
Spare	8500Rem03	1	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500Rem03	1	GA00001	ADD: NO O3 CONTROL HEAD	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500Rem03	1	G89	ADD: NO RF ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500Rem03	1	G806	ENH: ASTRO DIGITAL CAI OP APX	\$515.00	\$515.00	25%	\$386.25	\$386.25
Spare	8500Rem03	1	G51	ENH: SMARTZONE OPERATION APX	\$1,500.00	\$1,500.00	25%	\$1,125.00	\$1,125.00
Spare	8500Rem03	1	G361	ENH: P25 TRUNKING SOFTWARE APX	\$300.00	\$300.00	25%	\$225.00	\$225.00
Spare	8500Rem03	1	GA09008	ADD: GROUP SERVICES	\$150.00	\$150.00	25%	\$112.50	\$112.50

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
Spare	8500Rem03	1	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$100.00	25%	\$75.00	\$75.00
Spare	8500Rem03	1	GA00580	ADD: TDMA OPERATION APX	\$450.00	\$450.00	25%	\$337.50	\$337.50
Spare	8500Rem03	1	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500Rem03	1	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$5.00	25%	\$3.75	\$3.75
Spare	8500Rem03	1	G843	ADD: AES ENCRYPTION APX AND ADP	\$475.00	\$475.00	25%	\$356.25	\$356.25
Spare	8500Rem03	1	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$740.00	25%	\$555.00	\$555.00
Spare	8500Rem03	1	GA01515	ADD: J600 ADAPTER CABLE	\$95.00	\$95.00	25%	\$71.25	\$71.25
Spare	8500Rem03	1	G90	ADD: NO MICROPHONE NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500Rem03	1	G142	ADD: NO SPEAKER NEEDED	\$0.00	\$0.00	25%	\$0.00	\$0.00
Spare	8500Rem03	1	GA00318	ENH: LACR SFS LITE 5 YR	\$363.00	\$363.00	0%	\$363.00	\$363.00
Spare	8500Ant	8	DSRFMTNTVUC	RFMT-NT TRIBAND ANTENNA	\$258.00	\$2,064.00	25%	\$193.50	\$1,548.00
Spare	APX6000	8	H98UCF9PW6BN	APX6000 700/800 MODEL 2.5 PORTABLE	\$2,938.00	\$23,504.00	25%	\$2,203.50	\$17,628.00
Spare	APX6000	8	Q806	ADD: ASTRO DIGITAL CAI OPERATION	\$515.00	\$4,120.00	25%	\$386.25	\$3,090.00
Spare	APX6000	8	H38	ADD: SMARTZONE OPERATION	\$1,200.00	\$9,600.00	25%	\$900.00	\$7,200.00
Spare	APX6000	8	Q361	ADD: P25 9600 BAUD TRUNKING	\$300.00	\$2,400.00	25%	\$225.00	\$1,800.00
Spare	APX6000	8	QA00580	ADD: TDMA OPERATION	\$450.00	\$3,600.00	25%	\$337.50	\$2,700.00
Spare	APX6000	8	G996	ADD: PROGRAMMING OVER P25 (OTAP)	\$100.00	\$800.00	25%	\$75.00	\$600.00
Spare	APX6000	8	QA00631	ADD: DVRS PSU ACTIVATION	\$100.00	\$800.00	25%	\$75.00	\$600.00
Spare	APX6000	8	QA09008	ADD: GROUP SERVICES	\$150.00	\$1,200.00	25%	\$112.50	\$900.00
Spare	APX6000	8	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$40.00	25%	\$3.75	\$30.00
Spare	APX6000	8	Q629	ENH: AES ENCRYPTION AND ADP	\$475.00	\$3,800.00	25%	\$356.25	\$2,850.00
Spare	APX6000	8	Q498	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$5,920.00	25%	\$555.00	\$4,440.00
Spare	APX6000	8	H112	DEL: DELETE STANDARD ANTENNA	-\$10.00	-\$80.00	25%	-\$7.50	-\$60.00
Spare	APX6000	8	H207	DEL: DELETE STANDARD BATTERY	-\$30.00	-\$240.00	25%	-\$22.50	-\$180.00
Spare	APX6000	8	Q887	ADD: 5Y ESSENTIAL SERVICE	\$216.00	\$1,728.00	0%	\$216.00	\$1,728.00
Spare	APX8000	4	H91TGD9PW6 N	APX 8000 ALL BAND PORTABLE MODEL 2.5	\$5,809.00	\$23,236.00	25%	\$4,356.75	\$17,427.00
Spare	APX8000	4	Q806	ADD: ASTRO DIGITAL CAI OPERATION	\$515.00	\$2,060.00	25%	\$386.25	\$1,545.00
Spare	APX8000	4	H38	ADD: SMARTZONE OPERATION	\$1,500.00	\$6,000.00	25%	\$1,125.00	\$4,500.00
Spare	APX8000	4	Q361	ADD: P25 9600 BAUD TRUNKING	\$300.00	\$1,200.00	25%	\$225.00	\$900.00
Spare	APX8000	4	QA00580	ADD: TDMA OPERATION	\$450.00	\$1,800.00	25%	\$337.50	\$1,350.00
Spare	APX8000	4	G996	ADD: PROGRAMMING OVER P25 (OTAP)	\$100.00	\$400.00	25%	\$75.00	\$300.00
Spare	APX8000	4	QA00631	ADD: DVRS PSU ACTIVATION	\$100.00	\$400.00	25%	\$75.00	\$300.00
Spare	APX8000	4	QA09008	ADD: GROUP SERVICES	\$150.00	\$600.00	25%	\$112.50	\$450.00
Spare	APX8000	4	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$20.00	25%	\$3.75	\$15.00
Spare	APX8000	4	Q629	ENH: AES ENCRYPTION AND ADP	\$475.00	\$1,900.00	25%	\$356.25	\$1,425.00
Spare	APX8000	4	Q498	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$2,960.00	25%	\$555.00	\$2,220.00
Spare	APX8000	4	H112	DEL: DELETE STANDARD ANTENNA	-\$10.00	-\$40.00	25%	-\$7.50	-\$30.00
Spare	APX8000	4	H207	DEL: DELETE BATTERY	-\$47.00	-\$188.00	25%	-\$35.25	-\$141.00
Spare	APX8000	4	H301	DEL: DELETE BELT CLIP/BASIC CARRY HOLDER	-\$10.00	-\$40.00	25%	-\$7.50	-\$30.00
Spare	APX8000	4	Q887	ADD: 5Y ESSENTIAL SERVICE	\$216.00	\$864.00	0%	\$216.00	\$864.00
Spare	APX8000XE	7	H91TGD9PW6 N	APX 8000 ALL BAND PORTABLE MODEL 2.5	\$5,809.00	\$40,663.00	25%	\$4,356.75	\$30,497.25
Spare	APX8000XE	7	QA02006	ENH: APX8000XE RUGGED RADIO	\$800.00	\$5,600.00	25%	\$600.00	\$4,200.00

Agency	Type	QTY	NOMENCLATURE	DESCRIPTION	UNIT LIST (USD)	EXT LIST (USD)	Contract Disc	Contract Unit	Contract Extended
Spare	APX8000XE	7	Q806	ADD: ASTRO DIGITAL CAI OPERATION	\$515.00	\$3,605.00	25%	\$386.25	\$2,703.75
Spare	APX8000XE	7	H38	ADD: SMARTZONE OPERATION	\$1,500.00	\$10,500.00	25%	\$1,125.00	\$7,875.00
Spare	APX8000XE	7	Q361	ADD: P25 9600 BAUD TRUNKING	\$300.00	\$2,100.00	25%	\$225.00	\$1,575.00
Spare	APX8000XE	7	QA00580	ADD: TDMA OPERATION	\$450.00	\$3,150.00	25%	\$337.50	\$2,362.50
Spare	APX8000XE	7	G996	ADD: PROGRAMMING OVER P25 (OTAP)	\$100.00	\$700.00	25%	\$75.00	\$525.00
Spare	APX8000XE	7	QA00631	ADD: DVRS PSU ACTIVATION	\$100.00	\$700.00	25%	\$75.00	\$525.00
Spare	APX8000XE	7	QA09008	ADD: GROUP SERVICES	\$150.00	\$1,050.00	25%	\$112.50	\$787.50
Spare	APX8000XE	7	Q445	ADD: APX Personnel Accountability	\$150.00	\$1,050.00	25%	\$112.50	\$787.50
Spare	APX8000XE	7	QA01648	ADD: ADVANCED SYSTEM KEY - HARDWARE KEY	\$5.00	\$35.00	25%	\$3.75	\$26.25
Spare	APX8000XE	7	Q629	ENH: AES ENCRYPTION AND ADP	\$475.00	\$3,325.00	25%	\$356.25	\$2,493.75
Spare	APX8000XE	7	Q498	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$740.00	\$5,180.00	25%	\$555.00	\$3,885.00
Spare	APX8000XE	7	H112	DEL: DELETE STANDARD ANTENNA	-\$10.00	-\$70.00	25%	-\$7.50	-\$52.50
Spare	APX8000XE	7	H207	DEL: DELETE BATTERY	-\$47.00	-\$329.00	25%	-\$35.25	-\$246.75
Spare	APX8000XE	7	H301	DEL: DELETE BELT CLIP/BASIC CARRY HOLDER	-\$10.00	-\$70.00	25%	-\$7.50	-\$52.50
Spare	APX8000XE	7	Q887	ADD: 5Y ESSENTIAL SERVICE	\$216.00	\$1,512.00	0%	\$216.00	\$1,512.00
Spare	PortAcc	9	PMMN4084A	PLUS RSM NC IP54 THRD 3.5MM JACK RX	\$95.00	\$855.00	25%	\$71.25	\$641.25
Spare	PortAcc	10	PMLN7904A	LEATHER CARRY CASE WITH D-RINGS AND 2.75" SWIVEL BELT LOOP	\$79.00	\$790.00	25%	\$59.25	\$592.50
Spare	PortAcc	3	HMN4103B	IMPRES RSM DSPLY W JACK, NO CHNL	\$345.00	\$1,035.00	25%	\$258.75	\$776.25
Spare	PortAcc	7	PMMN4106CBLK	XE500 BLACK HOSUING, CHANNEL KNOB, XTREME TEMPERATURE CABLE	\$616.00	\$4,312.00	25%	\$462.00	\$3,234.00
Spare	PortAcc	7	PMLN7906A	LEATHER CARRY CASE WITH D-RINGS AND 2.75" SWIVEL BELT LOOP	\$65.00	\$455.00	25%	\$48.75	\$341.25
Spare	PortAcc	7	RLN6487A	ACCESSORY KIT,FIREMAN'S RADIO STRAP, XL	\$28.50	\$199.50	25%	\$21.38	\$149.63
				<b>Ct State A-99-001 Total</b>					<b>\$2,966,749.94</b>



## 5.3 PAYMENT TERMS

Except for a payment that is due on the Effective Date, the "Customer" will make payments to Motorola Solutions within thirty days after the date of each invoice. The "Customer" will make payments when due in the form of a check, cashier's check, or wire transfer drawn on a U.S. financial institution and in accordance with the following milestones.

### 1. Factory Testing, Certification and Delivery to the State

Aggregate payments upon completion of Delivery to the "Customer" shall be in an amount equal 48% of the Contract Price of the System, payable on a site by site basis.

### 2. System Product Installation

Aggregate payments upon completion of System Product Installation shall be in an amount equal to 20% of the Contract Price of the System, payable on a site by site basis.

### 3. Testing of System Products

Aggregate payments upon completion of System Product Testing shall be in an amount equal to 18% of the Contract Price of the System, payable on a site by site basis.

### 4. Final System Acceptance

Payment of all "hold back" funds upon Final System Acceptance. An amount equal to 14% of the Contract Price of the System.

Motorola Solutions reserves the right to make partial shipments of equipment and to request payment upon shipment of such equipment. In addition, Motorola Solutions reserves the right to invoice for installations or civil work completed on a site-by-site basis, when applicable.



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## WESTPORT, CONNECTICUT

DEPARTMENT OF PUBLIC WORKS  
TOWN HALL, 110 MYRTLE AVE.  
WESTPORT, CONNECTICUT 06880  
(203) 341 1120

August 17, 2020

Mr. James S. Marpe  
First Selectman  
Town Hall  
Westport, CT 06880

Re: Request for Appropriation along with bond and note authorization to the Municipal Improvement Fund. COVID 19 and Security upgrades for Town Hall re-opening.


Dear Mr. Marpe,

This office herein requests an appropriation along with bond and note authorization to the Municipal Improvement Fund in the amount of \$205,000 for installation of access control modifications, structural modifications, HVAC modifications, and security enhancements.

As we try to prepare the Town hall for re-opening to the public in a limited fashion, we are compelled to follow some basic protocols to allow for contact tracing. This includes knowing who is coming into the building during the day, where they go, and when they leave. This will require access controls which requires some structural modifications to the main lobby and the establishment of a checkpoint where the public will need to sign in and out of the building. In addition, our plan is to limit the conference rooms where conferences can occur and to add additional sanitization measures in those spaces.

This project is not in the Capital Forecast as our COVID vulnerabilities have only recently been discovered. Nevertheless, it is a critical need to re-establish public access to Town Hall in a responsible, scientific manner. Attached is an opinion of probable costs for the project along with the required Capital Project Request form.

Respectfully,

  
Peter A. Ratkiewich, P.E.  
Director of Public Works

cc: Gary Conrad, Finance Director  
G:\Pw\_off\PAR\APPRQST\TownHall\_COVID-SecurityCON

JUSTIFICATION FOR A CAPITAL PROJECT

DEPARTMENT INFORMATION

DEPT NAME: Department of Public Works Date: 9/18/2020

PROJECT NAME AND DESCRIPTION
COVID-19 and Security Upgrades

IS IT LISTED IN THE 5-YR CAPITAL FORECAST? YES [X] NO [ ]

If no, why not? If yes, answer the following two questions: Which FY was the project first proposed? Which FY was the project first planned? Because this is in response the COVID-19 crisis

APPROXIMATE COST: See attached breakdown COST IN CAPITAL FORECAST: N/A
CONTINGENCY (15%): See attached \$204,516.50 <-TOTAL REQUEST-> \$205,000

SOURCE OF FUNDS:

Table with 2 columns: CAPITAL BOND, GEN'L FUND, CNR, GRANT, STATE, OTHER. Includes checkboxes for each category.

OTHER, DESCRIBE:

PAYBACK PERIOD: 20 yrs

PROJECTED START DATE: November 2020 EST. COMPLETION DATE: February 2021
ESTIMATED USEFUL LIFE: 25 years

Is this project part of a larger capital project? NO

Has an RFP been issued? YES [ ] NO [X]
Have bids been received? YES [ ] NO [X] Number of bids received: We will act as GC for expediency and bid out each item individually in accordance with the purchasing policy
Was the lowest bid the winner? YES [ ] NO [ ] If not, why?

Who will benefit from the project? Westport residents wanting to access Town Hall

[Empty box]

Is it a replacement? YES  NO

If yes, describe condition of what is to be replaced: \_\_\_\_\_

Pictures attached? YES  NO


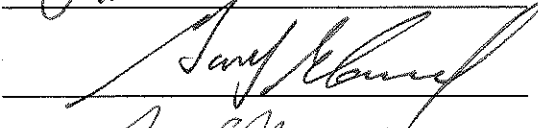
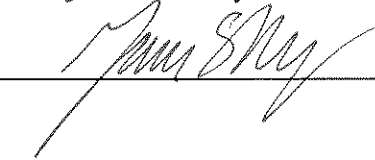
What other approvals/reviews are necessary to begin this project?  
RTM, (funding); Board of Selectmen (contract approval)

**FINANCE**

*This section to be completed by the Finance Director.*

EFFECT ON TOWN FINANCES, INCLUDING DEBT SERVICE:  
IF APPROVED:  
IF NOT APPROVED:

**REVIEW/SIGN-OFF**

DEPARTMENT HEAD		DATE: 9/21/2020
FINANCE DIRECTOR		DATE: 9/21/2020
FIRST SELECTMAN		DATE: 9/21/2020

Town Hall Main Floor Renovations 2020

Town Hall Renovations - Estimated Budget				
WORK DESCRIPTION	UNITS	MATERIAL & LABOR	TOTALS	Notes
GENERAL CONDITIONS			8,100.00	
Dumpster & hauling	Dumpster and pickups	1,700.00		
Demolition	Front entrance, doors, & miscellaneous	2,050.00		
Storage unit	Container or POD to store materials & doors	1,000.00		
Temporary WC	1 sanitary toilet	600.00		
Progress cleaning	Laborer to keep site & interior clean	1,350.00		
Interior protection	Cardboard taped over floor + plastic sheeting	800.00		
PPE	Masks, gloves, OSHA requirements	600.00		
FRAMING			\$19,850.00	
Rough framing	Framing for new walls & doors (metal & wood)	9,850.00		
Finish carpentry	New front entrance	10,000.00		
WINDOWS AND DOORS			\$48,050.00	
Doors	Front entrance	6,800.00		
	Interior doors & bucks	12,500.00		
Hardware	latchesets, closers, panic bars, hinges	8,300.00		
Exterior windows	Front entrance	4,800.00		
Interior windows	Security windows and protective screens	2,900.00		
Glass partition	Enclosure at conference room	12,750.00		
FINISHES			\$30,400.00	
Wallboard	Sheetrock & wall patching	11,100.00		
New Ceiling	Suspended track & tiles	9,300.00		
Painting	Interior and exterior walls, carpentry, and doors	7,800.00		
Flooring	Patching at stair and wall base	1,500.00		
Countertops	Counter at security office	700.00		
ACCESSORIES			\$4,850.00	
Handrails	At lobby	3,300.00		
Hand sanitizer	In lobby	150.00		
TV/Monitor	In conference room	1,000.00		
Corner guards	At waiting area	200.00		
Door stops	At interior doors	200.00		
ELECTRICAL			\$38,000.00	
Rough-in wiring	Outlets, switches, cables & relays	3,300.00		
Light fixtures	Ceiling LED parabolics	4,800.00		If new
Outlets & switches	New	1,100.00		
Life safety	Exit signs, strobes, pull stations, detectors	4,800.00		
Security systems	FOBs, door strikes, cameras, intercoms, PC, ringers	24,000.00		
HVAC			\$19,460.00	
AC	New ceiling diffusers	4,100.00		
Ventilation	Vent in conference room	580.00		
UV sanitizers	Ceiling units	14,800.00		
SUBTOTAL			168,710.00	\$168,710.00
MISCELLANEOUS				\$35,806.50
Contingency	0.15	25,306.50		
Taxes	0.00	0.00		
Permits	0.00	0.00		
Overhead & Profit	0.00	0.00		Town as GC
Professional Fees	Architect	10,500.00		
	MEP	0.00		
	Structural	0.00		
Incidentals		0.00		
TOTALS				\$204,516.50



## WESTPORT, CONNECTICUT

DEPARTMENT OF PUBLIC WORKS  
TOWN HALL, 110 MYRTLE AVE.  
WESTPORT, CONNECTICUT 06880  
(203) 341 1120

September 24, 2020  
Mr. James S. Marpe  
First Selectman  
Town Hall  
Westport, CT 06880

Re: Request for Appropriation of \$80,000\* along with bond and note authorization to the Municipal Improvement Fund Account for funding design and permitting of a rehabilitation of the Old Mill Walkway and Tide Gate Structures

Dear Mr. Marpe,

This office herein requests an appropriation of \$80,000\* along with bond and note authorization to the Municipal Improvement Fund Account for funding the design and permitting of a rehabilitation of the Old Mill timber walkway and tide gate structures. This is the first stage of the overall project and is listed in the capital forecast at a funding level of \$65,000.

\*The figure of \$80,000.00 is updated as of September 24, 2020 when we received bids on this design RFP from qualified firms.

We anticipate the design process to be completed in the winter of 2020/2021. We will request funds for construction once we have an Opinion of Probable Cost from the selected consultant. The construction phase is planned for FY2022 and is listed in the forecast at a funding level of \$200,000. This figure will be revised once the final design is determined.

Respectfully,

A handwritten signature in blue ink, appearing to read "Peter A. Ratkiewich", with a long horizontal flourish extending to the right.

Peter A. Ratkiewich, P.E  
Director of Public Works

cc: Gary Conrad, Finance Director  
G:\Pw\_off\PAR\APPRQST\OldMillWalkDES

JUSTIFICATION FOR A CAPITAL PROJECT

**DEPARTMENT INFORMATION**

DEPT NAME: **Public Works – Maintenance Division** Date: **9/21/2020**

PROJECT NAME AND DESCRIPTION  
**Engineering services for the evaluation, design, and permitting for rehabilitation of the Old Mill timber Walkway and tide gate structures**

IS IT LISTED IN THE 5-YR CAPITAL FORECAST? YES  NO

If no, why not?  
 If yes, answer the following two questions:  
 Which FY was the project first proposed? 2019  
 Which FY was the project first planned? 2020

APPROXIMATE COST:	\$72,110 (est. for design only)	COST IN CAPITAL FORECAST: (\$65,000) design only
	\$7,211	
CONTINGENCY (10%):	\$79321	←TOTAL REQUEST→ \$80,000* (updated on 9/24/20)

SOURCE OF FUNDS:

CAPITAL BOND <input checked="" type="checkbox"/>	GEN'L FUND <input type="checkbox"/>
CNR <input type="checkbox"/>	GRANT <input type="checkbox"/>
STATE <input type="checkbox"/>	OTHER <input type="checkbox"/>

OTHER, DESCRIBE:

PAYBACK PERIOD:

PROJECTED START DATE: November 2020 EST. COMPLETION DATE: February 2021  
 ESTIMATED USEFUL LIFE: 30 years

Is this project part of a larger capital project? **Yes, this is the design portion of the rehabilitation project. Construction is in the Capital forecast for FY2022 at a level of \$200,000**

Has an RFP been issued? YES  NO  RFP 21-005T; bids due 9/24/2020

Have bids been received? YES  NO  Number of bids received: 7

Was the lowest bid the winner? YES  NO  Lowest bid was not responsive to the RFP If not, why? requirements

Who will benefit from the project? **The timber walkway provides access to the tide gates for maintenance and repairs as well as the only pedestrian access to Compo Mill Cove community**



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Is it a replacement?                      YES    NO  
      

The current timber pilings and cross bracing are rotting away to the extent that they are only one third the diameter of the pilings at the mud line. Various other elements of the structure as well as the structures holding the tide gates themselves are in a state of disrepair. The structure was built in 1990 so it is at

If yes, describe condition of what is to be replaced: the end of it's useful life

Pictures attached?                      YES    NO  
      

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What other approvals/reviews are necessary to begin this project?  
RTM, BOS,

**FINANCE**


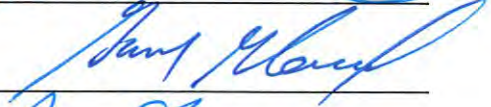

*This section to be completed by the Finance Director.*

EFFECT ON TOWN FINANCES, INCLUDING DEBT SERVICE:

IF APPROVED:

IF NOT APPROVED:

**REVIEW/SIGN-OFF**

DEPARTMENT HEAD		DATE: _____
FINANCE DIRECTOR		DATE: <u>9/28/2020</u>
FIRST SELECTMAN		DATE: <u>9/25/2020</u>





## WESTPORT, CONNECTICUT

DEPARTMENT OF PUBLIC WORKS  
TOWN HALL, 110 MYRTLE AVE.  
WESTPORT, CONNECTICUT 06880  
(203) 341 1120

September 17, 2020

Mr. James S. Marpe  
First Selectman  
Town Hall  
Westport, CT 06880

Re: Request for Appropriation along with bond and note authorization to the Municipal Improvement fund, for funding the Construction costs for repair of and improvements to the Jesup Green Seawall

Dear Mr. Marpe,

This office herein requests an appropriation along with bond and note authorization to the Municipal Improvement fund, in the amount of \$230,000 for funding the repair of the Jesup Green Seawall and installation of a protective rail along the top of the 10-foot-high wall.

The wall was last repaired in the late 80's along with some minor repairs done periodically between then and now. It is currently in a state of disrepair with some of the large stones completely dislodged, and in the river below. The project will recover the stones that have fallen from the wall and replace them where they belong or replace them with additional stone. In addition, the project will install a protective rail along the top of the wall where there is as much as a 10 foot drop to the river, to provide additional safety.

We anticipate the construction to take approximately six months commencing in the late winter/early spring of 2021. Currently we are carrying figures in the Capital forecast for the total cost of the project at \$220,000.

Respectfully,

Peter A. Ratkiewich, P.E  
Director of Public Works

cc: Gary Conrad, Finance Director  
G:\Pw\_off\PAR\APPRQST\JesupSeawallCON.doc

JUSTIFICATION FOR A CAPITAL PROJECT

**DEPARTMENT INFORMATION**

DEPT NAME: Department of Public Works Date: 9/17/2020

PROJECT NAME AND DESCRIPTION  
 Jesup Green Seawall rehabilitation and protective railing – project to repair wall and Staircase proactively and to install protective railing along top of ten foot high wall. Length is approx. 460 feet

IS IT LISTED IN THE 5-YR CAPITAL FORECAST? YES  NO

If no, why not?  
 If yes, answer the following two questions:  
 Which FY was the project first proposed? 2008  
 Which FY was the project first planned? 2008

APPROXIMATE COST:	\$208,800	COST IN CAPITAL FORECAST: \$220,000
CONTINGENCY (10%):	\$20,800	
	\$228,800	←TOTAL REQUEST→ \$230,000

SOURCE OF FUNDS:

CAPITAL BOND <input checked="" type="checkbox"/>	GEN'L FUND <input type="checkbox"/>
CNR <input type="checkbox"/>	GRANT <input type="checkbox"/>
STATE <input type="checkbox"/>	OTHER <input type="checkbox"/>

OTHER, DESCRIBE:  
 PAYBACK PERIOD: 20 yrs

PROJECTED START DATE: Spring 2021 EST. COMPLETION DATE:  
 ESTIMATED USEFUL LIFE: 25-30 years due to Harsh Marine Environment, (wall was done approx. 1988)

Is this project part of a larger capital project? NO

Has an RFP been issued? YES  NO   
 Have bids been received? YES  NO  Number of bids received: Will be bid out closer to start date  
 Was the lowest bid the winner? YES  NO  If not, why?

Who will benefit from the project? Westport residents

Is it a replacement?

YES  NO  Wall exists railing does not

Wall masonry has deteriorated such that stones are falling into the river below. Project will reset/replace/ repoint stones, and place a new protective rail on the entire length

If yes, describe condition of what is to be replaced: of the wall

Pictures attached?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
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What other approvals/reviews are necessary to begin this project?  
 RTM, ( funding); Village District Committee (railing design); Board of Selectmen (contract approval)

**FINANCE**


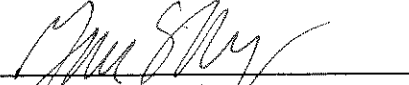

*This section to be completed by the Finance Director.*

EFFECT ON TOWN FINANCES, INCLUDING DEBT SERVICE:

IF APPROVED:

IF NOT APPROVED:

**REVIEW/SIGN-OFF**

DEPARTMENT HEAD		DATE: 9-21-2020
FINANCE DIRECTOR FIRST SELECTMAN		DATE: 9/21/2020
FIRST SELECTMAN FINANCE DIRECTOR		DATE: 9/21/2020

Jesup Green Sewall Reair and protective railing installation				
Item	Description	quantity	unit	unit cost
1	Site prep and mobilization	1	LS	\$ 10,000.00
2	Reset/repoint 10' x 460' wall masonry	4600	SF	\$ 25.00
3	Reset stair treads and repoint staircase walls	1	LS	\$ 9,000.00
4	install protective rail system	460	LF	\$ 150.00
5	demobilization	1	LS	\$ 5,000.00
	TOTAL			
	10% Contingency			
	<b>Grand Total</b>			
	Request			

Peter A. Ratkiewich, P.E.  
 Director of Public Works

total cost
\$ 10,000.00
\$ 115,000.00
\$ 9,000.00
\$ 69,000.00
\$ 5,000.00
\$ 208,000.00
\$ 20,800.00
<b>\$ 228,800.00</b>
\$ 230,000.00