

CAPITAL REQUEST FOR GAMING

August 29, 2022

Town of Tiverton	FY2019	FY2020	FY2021	FY2022	Totals
Total Weekly Table Games	208,479.90	176,792.33	179,803.08	245,345.46	810,420.77
Total Quarterly Video Lottery	1,210,078.03	1,108,290.20	1,197,200.45	1,609,174.61	5,124,743.29
Total Gaming Revenue	1,418,557.93	1,285,082.53	1,377,003.53	1,854,520.07	5,935,164.06
State Guarantee payment	0.00	0.00	1,613,473.52	1,140,067.30	2,753,540.82
Sports Betting Revenue	100,000.00	100,000.00	100,000.00	200,000.00	500,000.00
Total Gaming Revenue + State Guarantee	1,518,557.93	1,385,082.53	3,090,477.05	3,194,587.37	9,188,704.88
Deposited to General Fund #100	1,518,557.93	1,385,082.53	100,000.00	0.00	3,003,640.46
Deposited to Restricted Capital Fund #650	0.00	0.00	2,990,477.05	3,194,587.37	6,185,064.42

Fund 650 - Gaming Revenue	FY2021	FY2022	Reconciliation Totals
Total Weekly Table Games	179,803.08	245,345.46	425,148.54
Total Quarterly Video Lottery	1,197,200.45	1,609,174.61	2,806,375.06
Total Gaming Revenue	<u>1,377,003.53</u>	<u>1,854,520.07</u>	<u>3,231,523.60</u>
State Guarantee payment	1,613,473.52	1,140,067.30	2,753,540.82
Sports Betting Revenue	<u>100,000.00</u>	<u>200,000.00</u>	<u>300,000.00</u>
Total Gaming Revenue + State Guarantee	<u>3,090,477.05</u>	<u>3,194,587.37</u>	<u>6,285,064.42</u>
Deposited to General Fund #100	100,000.00	0.00	100,000.00
Deposited to Restricted Capital Fund #650	2,990,477.05	3,194,587.37	6,185,064.42
Allocations for Capital Spending	(3,100,000.00)	0.00	(3,100,000.00)
TA & Treasurer FY Adj - TPD vehicles	150,000.00	0.00	150,000.00
Ordinance Transfer to UGF	0.00	(200,000.00)	(200,000.00)
Previous Balance	<u>0.00</u>	<u>40,477.05</u>	<u>0.00</u>
Balance available for Capital Allocation	<u>40,477.05</u>	<u>3,035,064.42</u>	<u>3,035,064.42</u>

0.00

Fund 650 - Restricted Gaming Revenue 650-7850 650-7855 650-7860 650-7865 650-7875 650-7885 650-7890 650-7895 650-6890 650-7899

Date	Description of Purchases Restricted Capital Reserves	DPW Motor	Recycle Center	Tax Software	Clerk Software	Library	Forestry Vehicle	Garage	Radio Call Box	Contingency	School Capital	Totals
								Fire truck Door				
06/30/21	6/30/21 Actual Bal: \$ 2,990,477.05 TA & Treasurer FY Adj - TPD vehicles	35,000.00	650,000.00	80,000.00	45,000.00	15,000.00	35,000.00	15,000.00	35,000.00	190,000.00 (150,000.00)	2,000,000.00	3,100,000.00 (150,000.00)
01/12/22	School - installation of esip Module										(26,297.00)	(26,297.00)
01/19/22	School - Ranger - siding renov										(9,975.00)	(9,975.00)
02/01/22	Vision Software Upgrade			(15,725.00)								(15,725.00)
02/10/22	Air Cleaning Spec - Modify							(600.00)				(600.00)
02/22/22	D&D Overhead Door							(7,200.00)				(7,200.00)
02/28/22	Davis Logan - install							(7,200.00)				(7,200.00)
06/27/22	CLT Services	(32,803.25)										(32,803.25)
06/30/22	Spending to Date	(32,803.25)	0.00	(15,725.00)	0.00	0.00	0.00	(15,000.00)	0.00	0.00	(36,272.00)	(99,800.25)
	Unspent Balance to Date	2,196.75	650,000.00	64,275.00	45,000.00	15,000.00	35,000.00	0.00	35,000.00	40,000.00	1,963,728.00	2,850,199.75

0.00

Gaming authorized from FY21 collections

Council vote on 10/18/21

<u>Municipal portion</u>	<u>Authorized</u>	<u>spent</u>	<u>Notes</u>
Recycling Center	650,000		in progress
Clerk - Recording system	45,000		out for rebid
Tax / Assessor system	80,000	15,725.00	in process
Police Cars	100,000		see note below
Animal Control Vehicle	15,000		see note below
Forestry vehicle	35,000		needs bid
Quint station door	15,000	15,000.00	completed
Radio Call Box	35,000		partial due to bid
library	15,000		pending
DPW - motor International	35,000	32,803.25	completed
Sub Total	1,025,000	63,528.25	
Requested - dog shelter	75,000		eliminated
Total	1,100,000		

Approved motion:

Approve all except below

remove dog shelter	-75,000		eliminated
add 35,000 to police cars	35,000		see note below
	1,060,000	63,528.25	

Motion was not to exceed \$1,100,000

Contingency

1,100,000	
40,000	

Schools: Town Council vote on 10/18/21

TMS & THS bathrooms	850,000	
Replace siding Ranger	7,500	9,975.00
THS dishwasher	55,000	
TMS steamer	60,000	
light poles (4)	290,000	
lawn mowers (3)	24,000	
Tennis Ct repairs	6,000	
Replace intercom THS	25,000	26,297.00
Sub Total	1,317,500	36,272.00

Town Council vote on 11/8/21

bath and locker rooms	682,500	
	2,000,000	36,272.00

Overall total Municipal and School

3,100,000	99,800.25
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Note: TA and Treasurer removed the following authorized accounts because there wasn't 3.1 million available from FY21. Total received was 3,090,477.05 of which 100,000 was directed to the general fund as the ordinance did not exclude sports betting (actually a different state statute). Amount available was 2,990,477.05

We removed Police vehicles authorized at 100,000 + 15,000 + 35,000 total of 150,000
 3,100,000 less 150,000 equals authorized 2,950,000 which is less than the 2,990,477.05

Department Capital Requests from Gaming:		pages	Amount	TA priorities		Approved Town Council
G. Recreation:						
Pocasset Field						
	Combo Skating/SplashPad (Called "Splashed Ice")		\$ 500,000.00			
	Security Cameras		\$ 15,000.00			
	Total request for Pocasset Field		\$ 515,000.00	\$ -		
Bulgarmarsh Recreational Complex						
	Bulgarmarsh Lighting-For energy efficient lights		\$ 63,766.98			
	Sun shades for softball field		\$ 5,000.00			
	Feasibility study Bulgarmarsh building		\$ 25,000.00	\$ 25,000.00		
	Updated bleachers		\$ 1,200.00			
	Security Cameras		\$ 18,000.00	\$ 18,000.00		
	Total request for Bulgarmarsh improvements		\$ 112,966.98	\$ 43,000.00	\$ 43,000.00	
Town Farm Recreational Complex						
	Wheelchair Swing for Town Farm		\$ 5,000.00	\$ 5,000.00		
	Town Farm Lighting- For energy efficient lights		\$ 19,895.00			
	Town Farm Lighting- New lighting for lower field		\$ 75,000.00			
	Replacement multi-purpose building		\$ 250,000.00			
	Movable Fencing		\$ 33,765.00			
	bleachers for 3rd base line of softball field		\$ 1,151.00			
	Softball field tarp		\$ 2,409.00			
	Softball Tarp roller		\$ 1,225.00			
	Baseball field cover		\$ 2,409.00			
	Baseball Tarp roller		\$ 1,225.00			
	Fiberglass pitching mound for lower field		\$ 1,279.00			
	Total request for Town Farm improvements		\$ 393,358.00	\$ 5,000.00	\$ 5,000.00	
Hooper Street Recreational Area						
	New playground equipment		\$ 50,000.00			
	Replacement basketball court		\$ 75,000.00			
	Total request for Hooper Street		\$ 125,000.00	\$ -		

Department Capital Requests from Gaming:	pages	Amount	TA priorities	Approved Town Council
Middle School				
Benches for middle school softball field		\$2,433.58		
Sun shades for softball field		\$ 5,000.00		
Total request for Middle School Softball field		\$ 7,433.58	\$ -	
Total Recreation request		\$ 1,153,758.56	\$ 48,000.00	
H. Schools:				
Renovate THS locker rooms		\$ 1,200,000		
Security panels (3) elementary schools		\$ 11,073		
Complete security upgrades (3) elementary schools		\$ 404,000		
Complete security upgrades Middle school		\$ 220,000		
Complete the security upgrades High school		\$ 42,000		
Replace partitions in boys restrooms (3) elementary		\$ 38,000		
Renovate single use bathrooms at TMS		\$ 200,000		
		\$ 2,115,073		
I. Landfill:				
Closure shortfall (Alt. \$500K/each year over 2 years)		\$1,400,000	\$700,000	\$700,000
		\$6,357,903.56	\$1,918,640	\$ 1,918,640

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Department Capital Requests from Gaming:		pages	Amount	TA priorities	Approved Town Council
	DPW - Fogland / Bayview playground		\$55,000		
			\$145,000	\$115,000	\$115,000
H. Landfill:					
	Closure shortfall (Alt. \$500K/each year over 2 years)		\$1,000,000	\$500,000	\$500,000
I. Schools:					
	List will be available after 8/24 school meeting				
					\$ 1,778,140



Tiverton Fire Department



CAPITAL REQUESTS

Account Number	Account Name	Fiscal Yr 21/22	Fiscal Yr 22/23
New	Rescue Computers	\$ -	\$13,962.00
New	Vision 21	\$ -	\$77,006.00
New	Unicus 4 Bauer	\$ -	\$83,000.00
New	Roof Station 1	\$ -	\$21,250.00
New	Air Conditioner Systems	\$ -	\$15,000.00
New	Hurst Cutter Package	\$ -	\$42,464.00
	BALANCE	\$ -	\$252,682.00

**Town of Tiverton
FY23 Municipal Budget
Line Item Back Up Form**

Department account #/name: Tiverton Fire Department
Line item account #/name: Getac Rugged Convertible PC
Requested amount: \$13,962.00

Budget Notes:

1. Short description of the line item if line item title is not self-explanatory.
 - The Getac Rugged Computers are used for patient EMS reports on both of our rescue and Engine 3.

2. Brief justification for funding request and increase/decrease, if applicable.
 - The current computers are over five (5) years old.
 - The current rescue computers are running on outdated software.

MOB_V10_Q3 1/7/22

Quote #ITS050936NE
v1

Prepared by:
New England Office
Jason Danella
980 S 2nd St
Ronkonkoma, NY 11779

Bill to:
Tiverton Fire Department
Joshua Ferreira
85 Main Rd
Tiverton, RI 02878

Ship to:
Tiverton Fire Department
Joshua Ferreira
85 Main Rd
Tiverton, RI 02878

Date Issued:
01.10.2022
Expires:
02.09.2022
Contract #:

P: 888-615-2770 x243
E: jdanella@itsg.us.com

P: (401) 297-1664
E: joferreira@tivertonfire.com

P: (401) 297-1664
E: joferreira@tivertonfire.com

Products	Price	Qty	Ext. Price
Getac V110 Rugged Convertible PC Intel Core i7-10510U Processor, Windows Hello Webcam, Microsoft Windows 10 Pro x64 with 16GB RAM, 256GB PCIe SSD (user swappable), Sunlight Readable (Full HD LCD + Touchscreen + Hard Tip stylus), US KBD + US Power cord, Membrane Backlit KBD, WIFI + BT + GPS/Glonass + 4G LTE (EM7511) + Pass-through, Hard Handle, USB Type-A x 2 + USB Type-C x 1 + Smart Card Reader + Rear Camera, Dual batteries, TouchPad W/ Click Button, 3 Year B2B Warranty	\$3,845.00	3	\$11,535.00
Getac V110 Docking Station	\$700.00	3	\$2,100.00
Getac V110 DC Supply	\$109.00	3	\$327.00
Subtotal:			\$13,962.00

ITS Shipping	Price	Qty	Ext. Price
Shipping	\$0.00	1	\$0.00
Subtotal:			\$0.00

Quote Summary	Amount
Products	\$13,962.00
Total:	\$13,962.00

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

WE SHALL NOT BE LIABLE FOR ANY LOSS OF PROFITS, BUSINESS, GOODWILL, DATA, INTERRUPTION OF BUSINESS, NOR FOR INCIDENTAL OR CONSEQUENTIAL MERCHANTABILITY OR FITNESS OF PURPOSE, DAMAGES RELATED TO THIS AGREEMENT. MINIMUM 15% RESTOCKING FEE WITH ORIGINAL PACKAGING. PANASONIC & GETAC PRODUCTS ARE BUILT TO ORDER AND NOT RETURNABLE.

A 3% PROCESSING FEE WILL BE ADDED TO ALL INVOICES PAID BY CREDIT CARD.

Acceptance

New England Office

Tiverton Fire Department

Jason Danella

Signature / Name

01/10/2022

Date

Signature / Name

Initials

Date



**Town of Tiverton
FY23 Municipal Budget
Line Item Back Up Form**

Department account #/name: Tiverton Fire Department
Line item account #/name: Vision 21- TRX50 Emergency Reporting System
Requested amount: \$77,006.00

Budget Notes:

1. Short description of the line item if line item title is not self-explanatory.
 - This is an emergency reporting system that monitors all municipal fire alarm systems.
 - This system has the capabilities of monitoring remote emergency stations such as the parks in Town.



CONFIDENTIAL

February 23, 2022

REVISED

Daniel Murphy
Fire Marshall
Tiverton Fire Department
85 Main Road
Tiverton, RI 02878

Re: Vision 21 - TRX50 Emergency Reporting System Legacy Upgrade Migration Proposal

Dear Fire Marshall Murphy:

As you know, Sigcom no longer manufactures the Vision 21 Systems. Vision 21 has been discontinued for several years. I am pleased to submit the following TRX50 upgrade proposal.

Scope of Work

Signal Communications will furnish and install new TRX50 Emergency Reporting System as upgrade to existing Vision 21 systems located at 20 Industrial Way and will be consisting of:

- TRX50-SP-001 System Processor (2)
- TRX50-UI-001 User Interface (2) includes 22" monitor, keyboard, & mouse
 - With max extender cable assembly kit (2)
- TRX50-RM-072 Radio Module (2)
- TRX50-LM-072 Legacy Migration Module - to decode legacy radio boxes until upgraded (2)
- TRX50-CM-001 Power Module / Battery Charger (2)
- Batteries – 8 Hour Backup 12VDC 24AH (4)
- New 9 U desktop cabinets (2) – exact final location determined at engineering review
- Use and connect to existing antenna systems
- Removal of existing Vision 21 Systems
- TRX50 Application Software - System Configuration
 - Data conversion for Vision 21 data base
- Staff Training – System Operation and Programming

Includes:

- All labor to install, test, and certify system
- Labor to remove existing Vision 21 Systems and cabinet
- 4 hours training – train the trainer - on new system
- All needed licenses
- One year warranty on all equipment per Sigcom's standard terms and conditions
- Any applicable taxes will be added to invoice

Pricing:

The total standard LIST price for proposed TRX50 system as described..... \$105,830
Total price under the Sigcom *Legacy Migration Program*.....\$ 77,006

Note – The Legacy Migration Program is scheduled to conclude at end of year - 2022

Terms and Conditions:

Lead time – installation starts 90 to 120 days from receipt of order.

Assumes no requirements for compliance with prevailing wage.

Any needed electrical work to provide primary AC power to systems to be supplied and performed by others. Assumes new systems can use existing antenna system without additional tower or antenna work – which, if needed, would be additional and provided by others.

Any needed IP cable work to support any RDS connectivity to be supplied and done by others unless otherwise indicated.

Space needs to be allocated for two user interfaces – monitor/keyboard/mouse. Special monitor mounting hardware, if needed, will be additional and/or supplied by others. Assumes user interface hardware located within specified maximum distance to TRX50-SP.

Assumes Sigcom or Sigcom authorized distributor takes possession/ownership of existing Vision 21 systems upon removal.

This proposal is good for a period of 60 days, after which time Sigcom and/or Sigcom authorized distributor may withdraw or update this proposal without notice.

Authorized signature below indicates agreement to above proposal and cost. Municipality will issue appropriate purchase order to Sigcom or Sigcom authorized distributor.

Above proposal agreed to by:

Name:

Title

Date:

Thank You,
SIGNAL COMMUNICATIONS CORPORATION

Jim Lynch

Jim Lynch
Product Manager





CONFIDENTIAL

September 30, 2021

Daniel Murphy
Fire Marshall
Tiverton Fire Department
85 Main Road
Tiverton, RI 02878

Re: Vision 21 - TRX50 Emergency Reporting System Legacy Upgrade Migration Proposal

Dear Fire Marshall Murphy:

As you know, Sigcom no longer manufactures the Vision 21 Systems. Vision 21 has been discontinued. I am pleased to submit the following TRX50 upgrade proposal.

Scope of Work

Signal Communications will furnish and install new TRX50 Emergency Reporting System as upgrade to existing Vision 21 systems located at 20 Industrial Way and will be consisting of:

- TRX50-SP-001 System Processor (2)
- TRX50-UI-001 User Interface (2) includes 22" monitor, keyboard, & mouse
 - With max extender cable assembly kit (2)
- TRX50-RM-072 Radio Module (2)
- TRX50-LM-072 Legacy Migration Module - to decode legacy radio boxes until upgraded (2) – NEW MODULE NOW SHIPPING
- TRX50-CM-001 Power Module / Battery Charger (2)
- Batteries – 8 Hour Backup 12VDC 24AH (4)
- Use existing cabinets – exact final location determined at engineering review
- Use and connect to existing antenna systems
- Removal of existing Vision 21 Systems
- TRX50 Application Software - System Configuration
- Data conversion for Vision 21 data base
- Staff Training – System Operation and Programming

Includes:

- All labor to install, test, and certify system
- Labor to remove existing Vision 21 Systems and cabinet
- 4 hours training – train the trainer - on new system
- All needed licenses
- One year warranty on all equipment per Sigcom's standard terms and conditions
- Any applicable taxes will be added to invoice

6

Pricing:

The total standard LIST price for proposed TRX50 system as described..... \$93,576
Total price under the Sigcom *Legacy Migration Program*.....\$68,954 ←

Note – The Legacy Migration Program is scheduled to conclude at end of year - 2021

Option 1:

Upgrade one system per year over a 2 year period. Price below is per system to be invoiced after the upgrade of each Vision 21 system at 20 Industrial Way.

Pricing:

The total standard LIST price for proposed TRX50 system as described..... \$48,228 each
Total price under the Sigcom *Legacy Migration Program*.....\$35,977 each

Terms and Conditions:

Lead time – installation starts 90 to 120 days from receipt of order.

Assumes no requirements for compliance with prevailing wage.

Any needed electrical work to provide primary AC power to systems to be supplied and performed by others.

Assumes new systems can use existing antenna system without additional tower or antenna work – which, if needed, would be additional and provided by others.

Any needed IP cable work to support RDS connectivity to be supplied and done by others unless otherwise indicated.

Special monitor mounting hardware, if needed, will be additional and/or supplied by others.

Assumes user interface hardware located within specified maximum distance to TRX50-SP.

Assumes Sigcom or Sigcom authorized distributor takes possession/ownership of existing Vision 21 systems upon removal.

This proposal is good for a period of 60 days, after which time Sigcom and/or Sigcom authorized distributor may withdraw or update this proposal without notice.

7

Authorized signature below indicates agreement to above proposal and cost. Municipality will issue appropriate purchase order to Sigcom or Sigcom authorized distributor.

Above proposal agreed to by:

Name:

Title

Date:

Thank You,
SIGNAL COMMUNICATIONS CORPORATION

Jim Lynch

Jim Lynch
Product Manager

(8)

**Town of Tiverton
FY23 Municipal Budget
Line Item Back Up Form**

Department account #/name: Tiverton Fire Department
Line Item account #/name: Breathing Air Purification System
Requested amount: \$83,000.00

Budget Notes:

1. Short description of the line item if line item title is not self-explanatory.
 - This system is used to fill the Scott air bottles for our firefighters to use during a fire emergency.
 - The current system is passed it's service life and the company is no longer in business.

Quote



172 Cross Rd
Waterford, CT 06385
860-442-0678

Date 05/23/2022
Quote # QT1584794
Expres 07/01/2022
Sales Rep Centracchio, Corey
PO #
Shipping Method MES Delivery
Shipping Code (2)

Bill To
Tiverton Fire Department (RI)
85 Main Road
Tiverton RI 02878
United States

Ship To
Tiverton Fire Department (RI)
85 Main Road
Tiverton RI 02878
United States

Item	Alt Item #	Units	Description	Qty	Unit Price	Amount
BAUER COMPRESSOR	UN 4S/13H-E1		UN 4S/13H-E1 Custom BAUER COMPRESSOR UNICUS 4S COMPRESSOR, 6000 PSI, 13 SCFM, 10 HP, 7.5 kW, SINGLE PHASE 230 VOLT, 60 Hz; WITH (2) 6000 PSI ASME STORAGE CYLINDERS.	1	63,370.00	63,370.00
GT/CO/ III			Bauer Electronic Carbon Monoxide Monitor W/Cal Kit	1	4,550.00	4,550.00
CYL-9/6K			Bauer ASME cylinder installed in UNICUS 4s or 4i compressor	2	4,160.00	8,320.00
RF/REG			Bauer remote fill panel mount with adj. regulator	1	1,525.00	1,525.00
Air Sample			Air Sample	1	175.00	175.00
Compressor In-Service Training			Compressor In-Service Training	1	99.00	99.00
Compressor Install			Site survey, install, operate, leak test, train & perform air sample with written report.	1	2,500.00	2,500.00

***CUSTOMER MUST SUPPLY A
QUALIFIED ELECTRICITION TO
DISCONNECT POWER TO
EXISTING UNIT AND BE
PRESENT TO RECONNECT
POWER TO NEW COMPRESSOR
AT TIME OF INSTALLATION.***

Thank-you,
Corey

Subtotal 80,539.00
Shipping Cost (MES Delivery) 2,200.00
Total \$82,739.00

This Quotation is subject to any applicable sales tax and shipping & handling charges that may apply. Tax and shipping charges are considered estimated and will be recalculated at the time of shipment to ensure they take into account the most current local tax information.

All returns must be processed within 30 days of receipt and require a return authorization number and are subject to a restocking fee.

Custom orders are not returnable. Effective tax rate will be applicable at the time of invoice.



QT1584794

CP

**Town of Tiverton
FY23 Municipal Budget
Line Item Back Up Form**

Department account #/name: Tiverton Fire Department

Line item account #/name: New Roof – Station 1

Requested amount: \$21,250.00

Budget Notes:

1. Short description of the line item if line item title is not self-explanatory.

- The East Road station (station 1) has a roof that has missing shingles and several water leaks.
- The age of the roof is approximately 40 years old (1982).

(11)

Vaz Construction Inc
 89 Howard Ave
 New Bedford, MA 02745
 +1 7743289950
 vazconstructioninc@yahoo.com

Estimate



ADDRESS
Davis Logan

ESTIMATE #	DATE
4208	05/31/2022

DATE	ACTIVITY	QTY	RATE	AMOUNT
	<p>Strip & Re-roof Strip entire roof of asphalt shingles of up to 2 layers included in price; additional layers will be charges \$500 per layer In case of any rotted wood we cover up to 64 sq ft included in price. Any additional rotted wood to be replaced at a cost of \$4.00 sq foot Furnish and install 8" aluminum drip edge Furnish and install 3 feet of ice and water barrier on eaves and valleys and all penetrations Furnish and install ridge vent Furnish and install synthetic felt to entire roof deck Furnish and install new flashing where needed, boot pipes, step flashing and chimney Re-Roof with 50 yr. limited lifetime Owens Corning Duration Series Shingles (color of choice) Vaz Construction Inc. handles all clean up and disposal Vaz Construction Inc. handles permits and insurances All ice and water additional \$1750.00</p>	1	19,500.00	19,500.00

287 E Rd
 Tiverton, RI 02878

SUBTOTAL	19,500.00
TAX	0.00
TOTAL	\$19,500.00

Accepted By

Accepted Date

Your Referrals are Our Biggest Compliment! Thank you for your Business.

(15)

**Town of Tiverton
FY23 Municipal Budget
Line Item Back Up Form**

Department account #/name: Tiverton Fire Department
Line item account #/name: Mini Split Air Conditioner Units
Requested amount: \$15,000.00

Budget Notes:

1. Short description of the line item if line item title is not self-explanatory.
 - This request is for Mini Split Air Conditioner Units at all the stations.
 - We currently use window air conditioners at each station and this method is not energy efficient.

(B)

MIKE'S HEATING & A/C INC.

620 DICKINSON ST.
FALL RIVER MA. 02721

Phone # 5085094382
Fax # 5086766779

MWATTS6415@COMCAST.NET

Date	Estimate #
5/17/2022	7607

Name / Address
TIVERTON FIRE DEPT

Project

Description	Total
LABOR TO INSTALL 2 TON DAIKEN MINI SPLIT HEATING AND AC UNIT IN COMON AREA IN MAIN STREET STATION	2,400.00

Thank you for your business.

Total \$2,400.00

(17)

MIKE'S HEATING & A/C INC.

620 DICKINSON ST.
FALL RIVER MA. 02721

Phone # 5085094382 MWATTS6415@COMCAST.NET
Fax # 5086766779

Date	Estimate #
5/17/2022	7606

Name / Address
TIVERTON FIRE DEPT

Project

Description	Total
PROPOSAL TO SUPPLY 1 DAIKEN 24000 BTU MINI SPLIT HEATING AND AC UNIT IN COMMON ROOM AT MAIN ST STATION	2,500.00

Thank you for your business.

Total \$2,500.00

15

**Town of Tiverton
FY22 Municipal Budget
Line Item Back Up Form**

Department account #/name: Tiverton Fire Department

Line item account #/name: Hurst Cutter Package

Requested amount: \$42,464.00

Budget Notes:

1. Short description of the line item if line item title is not self-explanatory.

- The Hurst Cutter Package, sometimes called the "Jaws of Life" is used for extrication of an entrapped patient in a motor vehicle accident.
- This equipment also allows us to lift objects off a patient.
- This equipment would replace our older equipment. This updated equipment would be all electric.

FIREMATIC SUPPLY CO., INC.

23 Birch Street, Milford, Mass. 01757
 Phone: 978-815-2451 FAX: (978) 422-9621
 cpoirier@firematic.com
 WebSite: www.firematic.com

Quote



DATE 1/05/2022	PAGE 1
QUOTE NUMBER QT95788	
EXPIRE DATE 2/4/2022	

Quoted To
 Capt. Pete Manchester
 TIVERTON FIRE DEPARTMENT
 85 Main Road
 TIVERTON, RI 02878-4499

Ship To
 TIVERTON FIRE DEPARTMENT
 85 Main Road
 TIVERTON, RI 02878-4499

CUSTOMER NO. 4070	CONTRACT NO. PSE01	PHONE NO. (401)625-6707	SALESPERSON CHARLES POIRIER	CUSTOMER PO. NO.
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LINE NO.	ITEM NUMBER	DESCRIPTION	QTY ORDERED	UNIT PRICE	EXTENDED PRICE
1	HUR2728890009	HURST S789 E3 CUTTER PACKAGE, (2) 9Ah BATTs, 110V CHARGER	1	14,165.00	14,165.00
2	HUR2718770009	HURST SP777 E3 SPREADER PACKAGE, (2) 9Ah BATTs, 110V CHARGER	1	16,065.00	16,065.00
3	HUR2748860009	R522 E3 RAM, 9Ah PACKAGE, 2 BATTERIES, CHARGER	1	11,225.00	11,225.00
4	HUR816720	KSV11 CHAIN SET	1	1,009.00	1,009.00
99	FREIGHT IN	FREIGHT FROM MANUFACTURER	1	0.00	0.00

Comments

Amount **42,464.00**
 By: **CHARLES POIRIER**

17

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1	1G1ZG5ST9MF083852	2021	Chevrolet	Malibu	Gray	[REDACTED]	155
2	1G1ZD5ST8NF102921	2022	Chevrolet	Malibu	White	[REDACTED]	94
3	1G1ZD5ST1NF102940	2022	Chevrolet	Malibu	Silver	[REDACTED]	33
4	2FABP7BV4AX131415	2010	Ford	Crown Vic	Black	[REDACTED]	83,625
5	1FAFP53U77A181934	2007	Ford	Taurus	Gray	[REDACTED]	83,700
6	1FAFP53UX7A170782	2007	Ford	Taurus	Red	[REDACTED]	91,000
7	1C4SDJFT4DC690490	2013	Dodge	Durango	Black	[REDACTED]	85,675
8	2C3CDXKT5EH319841	2014	Dodge	Charger	Black	[REDACTED]	36,500
9	[REDACTED]	2006	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	163,464
ACO	1FTYR14U08PA37774	2008	Ford	Ranger	White	[REDACTED]	160,000
38	1FTFX1EF9BFC98900	2011	Ford	F150	Gray	[REDACTED]	55,581
39	1FM5K8ARXJGC17765	2018	Ford	Explorer	Black	[REDACTED]	52,500
40	1FM5K8AB7MGA41930	2021	Ford	Explorer	Black	[REDACTED]	13,800
41	1FM5K8AB9MGA17564	2022	Ford	Explorer	Black	[REDACTED]	35
42	1FM5K8AB4MGA41920	2021	Ford	Explorer	Black	[REDACTED]	17,175
43	2C3CDXKT4GH268058	2016	Dodge	Charger	White	[REDACTED]	104,000
44	1C4SDJFT6DC690491	2013	Dodge	Durango	Black	[REDACTED]	81,300
45	1FM5K8AR1JGC75057	2018	Ford	Explorer	Black	[REDACTED]	54,000
46	23C3DXKT2GH192260	2016	Dodge	Charger	White	[REDACTED]	97,525

Vehicle ID	VIN	Year	Make	Model	Color	Registration	Mileage
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47	2C3CDXKT8GH123380	2016	Dodge	Charger	White	[REDACTED]	122,300
48	2C3CDXKT6GH268059	2016	Dodge	Charger	White	[REDACTED]	110,300
49	1FM5K8AR0JGC75027	2018	Ford	Explorer	Black	[REDACTED]	60,700
50	2C3CDXKT6KH518089	2019	Dodge	Charger	White	[REDACTED]	72,000

1



Budget Quote

Date: 2/18/2022

Valid Date: 9/30/2022

Chief Patrick Jones
Tiverton Police Department
20 Industrial Way
Tiverton Police Department
401-624-6454

patrick.jones@tivertonma.com

Contract: GBPC

Dave Brown
774-283-6400

ITS NE Salesman Paul Leon
508-314-8228

GBPC/MAPC 2022

Qty	Item #	Description	Unit Price	Line Total
2.00	K8A	2022 Ford Utility PI Hybrid Engine	\$ 36 799.00	\$ 73,598.00
2.00	CREDIT	Credit Hybrid Engine for Gas Engine	\$ (3,346.50)	\$ (6,693.00)
2.00	Color	Agate Black	\$ -	\$ -
2.00	51T	Drivers Side Led Spot Light	\$ 383.15	\$ 766.30
2.00	18D	Rear Gate Disable Delete	\$ -	\$ -
2.00	43D	Dark Car Feature	\$ 24.25	\$ 48.50
2.00	549	Heated side mirrors	\$ 58.20	\$ 116.40
2.00	76R	Reverse Sensing	\$ 266.75	\$ 533.50
2.00	65L	Small center	\$ -	\$ -
2.00	Standard	Sync. Vintl Floor. Pre-drilled head lamps and Center Caps	\$ -	\$ -
2.00	Standard	Head Lamp Flashers	\$ -	\$ -
2.00	Standard	Trailer Hitch w/ wiring harness	\$ -	\$ -
				\$ -
				\$ 68,369.70
				\$ -
2.00		VentVisor 4 piece Vent Shades	\$ 95.00	\$ 190.00
2.00		Federal Signal Valor/Pathfinder/Siren Speaker	\$ 3,725.00	\$ 7,450.00
2.00		Federal Signal OBDCABLE25	\$ 150.00	\$ 300.00
2.00		Federal Signal EXPMOD harness	\$ 225.00	\$ 450.00
2.00		Federal Signal (2) MPSW9U (1) RW (1) BW side mirrors	\$ 445.00	\$ 890.00
2.00		Federal Signal (2) MPS62U (1) RW (1) BW rear 1/4 glass	\$ 365.00	\$ 730.00
2.00		Federal Signal (2) MPS62U (1) RW (1) BW license plate	\$ 365.00	\$ 730.00
2.00		Federal Signal PBX-07 push bumper	\$ 619.00	\$ 1,238.00
4.00		Federal Signal (4) MPS62UX- (2) RW (2) BW upper rail	\$ 365.00	\$ 1,460.00
2.00		Federal Signal (2) MPS62U (1) RW (1) BW side PB	\$ 365.00	\$ 730.00
2.00		Setina Blac-Rack	\$ 714.32	\$ 1,428.64
2.00		Setina Single T-Rail w/ Small Lock	\$ 372.19	\$ 744.38



2.00		2nd Federal Signal ES100 siren speaker	S	240 00	\$	480.00
4.00		Magnetic Mic Clip(s)	S	37 20	\$	148.80
2.00		Tremco	S	200 00	\$	400.00
2.00	C-VS-0618	Havis Communications Console	S	575 00	\$	1,150.00
2.00		Havis Dual Internal Cup Holder	S	45 00	\$	90.00
2.00		Havis Arm rest	S	175 00	\$	350.00
2.00		Havis Out let and UPS Port	S	122 93	\$	245.86
2.00		Charge Guard	S	200 00	\$	400.00
2.00		ProGard Single Cell w/ OSB Seat Belt System	S	3,095 00	\$	6,190.00
2.00		Federal Signal (2) Led rear cargo Dome Lights R/W	S	186 50	\$	373.00
2.00		Shop supplies	S	295 00	\$	590.00
2.00		Federal Signal (2) 416300-RB above rear license plate	S	235 00	\$	470.00
4.00		Federal Signal (4) 416900XZ rear hideaways (2) RW (2) BW	S	235 00	\$	940.00
2.00		Federal Signal (2) 416900XZ front corners (1) RW (1) BW	S	250 00	\$	500.00
2.00		Havis C-PM-124 Printer Mount	\$	225 00	\$	450.00
2.00		Install customer supplied 2-way radio	S	230 00	\$	460.00

Subtotal \$ 97,948.38
Sales Tax \$ -
Grand Total \$ 97,948.38





HIQ COMPUTERS
 477 Riverside Ave.
 Medford, MA 02155
 617-951-4650
 617-951-4651

Quote No: 33313
 Date: 12/07/21
 Page: 1

Sold To: Captian Miguel Tiverton Police Department 20 Industrial Way Tiverton, RI 02878	Customer No: 1329 Phone No: (401) 625-6722
Ship To: Captian Miguel Tiverton Police Department 20 Industrial Way Tiverton, RI 02878	

Salesperson: #23 - David

Item Description	Qty	Unit Price	Amount
-> MASS. ITC73 CONTRACT <-	1	0.00	0.00
A140 G2 Fully Rugged 14IN Tablet	1	4066.00	4066.00
A140 G2 Fully Rugged 14IN Tablet, Intel Core i5-10210U Processor, W/Webcam, Windows 10 Pro-8GB RAM, 256GB PCIe SSD, Sunlight Readable, BCrd, WIFI+BT+GPS+4G LTE (EM7511)+PassthroughID/2D BCR, WiFi+BT, Hard Handle, Micro SD, LAN, SCR, 3 Year B2B Warranty			
Getac 11-16V, 22-32V DC Vehicle	1	120.00	120.00
Getac 11-16V, 22-32V DC Vehicle adapter / Charger (120W for Docking Station)			
Havis Triple Pass-Through Vehicle	1	963.00	963.00
Havis Triple Pass-Through Vehicle Dock with Port Replicator & bracket. DC Power Adaptor sold separately (A140)			
Rubber Keyboard; Rugged Rubber 8	1	221.49	221.49
Rubber Keyboard; Rugged Rubber 83 Key Keyboard W/ Touchpad and Red Backlighting. Coiled Cord and USB			
Installation of Computer	1	428.00	428.00

PJ Systems Inc., DBA HiQ Computers
 is a certified Minority Business Enterprise
 (MBE).

This quote is valid for 30 days

Sub-Total:	5798.49
:	
Shipping:	0.00
Tax [0]:	EXEMPT*
Total:	5798.49

Thank
 You



HiQ COMPUTERS
 477 Riverside Ave.
 Medford, MA 02155
 617-951-4650
 617-951-4651

Quote No: 33314
 Date: 12/07/21
 Page: 1

Sold To: Captian Miguel Tiverton Police Department 20 Industrial Way Tiverton, RI 02878	Customer No: 1329 Phone No: (401) 625-6722
Ship To: Captian Miguel Tiverton Police Department 20 Industrial Way Tiverton, RI 02878	

Salesperson: #23 - David

Item Description	Qty	Unit Price	Amount
-> MASS. ITC73 CONTRACT <-	1	0.00	0.00
A140 G2 Fully Rugged 14IN Tablet	10	4066.00	40660.00
A140 G2 Fully Rugged 14IN Tablet, Intel Core i5-10210U Processor, W/Webcam, Windows 10 Pro+8GB RAM, 256GB PCIe SSD, Sunlight Readable, BCrd, WIFI+BT-GPS-4G LTE (EM7511)+PassthroughID/2D BCR, WiFi-BT, Hard Handle, Micro SD, LAN, SCR, 3 Year B2B Warranty			
Getac 11-16V, 22-32V DC Vehicle	10	120.00	1200.00
Getac 11-16V, 22-32V DC Vehicle adapter / Charger (120W for Docking Station)			
Havis Triple Pass-Through Vehicl	10	963.00	9630.00
Havis Triple Pass-Through Vehicle Dock with Port Replicator & bracket. DC Power Adaptor sold separately (A140)			
Rubber Keyboard; Rugged Rubber 8	10	221.49	2214.90
Rubber Keyboard; Rugged Rubber 83 Key Keyboard W/ Touchpad and Red Backlighting. Coiled Cord and USB			
Installation of Computer	10	374.50	3745.00

PJ Systems Inc., DBA HiQ Computers
 is a certified Minority Business Enterprise (MBE).

This quote is valid for 30 days

Sub-Total:	57449.90
:	
Shipping:	0.00
Tax :	0.00
<hr/>	
Total:	57449.90

Thank You

3 in 30 days

only need 2

(5)



Sales Order

Order#	SO2845
Ship Due Date	4/5/2022

ANGEL ARMOR™
 4657 DENROSE CT
 FORT COLLINS, CO 80524
 ANGELARMOR.COM

99PG - Paul Gorman

[Redacted]

PaulJasonGorman@Gmail.com

Bill To
[Redacted] Tiverton Police Department 20 Industrial Way Tiverton RI 02878 United States

Ship To
[Redacted] Tiverton Police Department 20 Industrial Way Tiverton RI 02878 United States

Part Number	Description	Qty	Unit Price	Amount
01-23194-02	RTC QR, MF, Dark Navy, Premium IIIA Name: [Redacted] Front: 2515 Back: 2215 QC360: LN Belly Band: S	1	715.00	715.00
01-00373-02	ALLY ONE DOUBLE PISTOL MAG POUCH- Dark Navy	1	0.00	0.00
01-00378-02	ALLY ONE SINGLE HANDCUFF POUCH-Dark Navy	1	0.00	0.00
01-00376-02	ALLY ONE FLASHLIGHT POUCH-Dark Navy	1	0.00	0.00
01-00375-02	ALLY ONE OC SPRAY POUCH- Dark Navy	1	0.00	0.00
01-00197-01	RISE 2.0, Black, Premium, Male, IIIA Name: [Redacted] Front: 2215 Back: 2016 Belt: XS	1	503.00	503.00
01-00203	TRUTH 308C, 8x10 SC	1	197.00	197.00

Subtotal	1,415.00
Shipping (FedEx Ground®)	77.97
Total	\$1,492.97

6

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~~CONFIDENTIAL~~

~~CONFIDENTIAL~~



ANGEL ARMOR®

PROTECTION AT A HIGHER LEVEL™

RISE®

ARMOR SYSTEM

NEVER GO TO YOUR TRUNK
FOR ARMOR AGAIN™



"AS A 24-YEAR LAW ENFORCEMENT OFFICER, I HAVE WORKED WITH DIFFERENT TYPES OF VESTS. RISE IS BY FAR THE LIGHTEST, MOST COMFORTABLE AND MOST IMPORTANTLY - THE MOST PROTECTIVE VEST I HAVE (WORKED)

WITH MY LAW ENFORCEMENT DEPARTMENT WITH OVER 20 OFFICERS.



RISE®

ARMOR SYSTEM



TRUTH CERAMIC
STRIKE FACE

TRUTH 308C

RISE
BALLISTICS

TRUTH BSS

A SYSTEM FOR EVERY SEASON

PROTECTION TO MATCH YOUR CURRENT MISSION, AND YOUR NEXT.

RISE 2.0

R.T.C.

R.U.C.





**WE STAND BEHIND OUR BALLISTIC PERFORMANCE,
SO YOU CAN TOO.**

NIJ STANDARD 0101.05 THREAT PROTECTION (LEVEL IIIA)

	RISE ULTRA PREMIUM	RISE PREMIUM	RISE STANDARD
Availability in Department Store	27" x 18" x 14" (40 lbs)	27" x 18" x 14" (40 lbs)	27" x 18" x 14" (40 lbs)
Thickness (inches)	2.0" x 18" x 14"	2.0" x 18" x 14"	2.0" x 18" x 14"
Weight (lbs)	27 lbs x 18" x 14"	27 lbs x 18" x 14"	27 lbs x 18" x 14"
Weight (kg)	12.2 kg x 18" x 14"	12.2 kg x 18" x 14"	12.2 kg x 18" x 14"
Strength (NIJ)	FBI Body Armor Test Protocol 4.1 <ul style="list-style-type: none"> • 1500 JPS (12.5 ft/lb) • 4700 JPS (35 ft/lb) • 1000 JPS (7.5 ft/lb) • 450 JPS (3.4 ft/lb) 	NIJ 0101.05 (Level IIIA)	NIJ 0101.05 (Level IIIA)

NIJ STANDARD 0101.06 THREAT PROTECTION (LEVEL II)

	RISE ULTRA PREMIUM	RISE PREMIUM
Availability in Department Store	27" x 18" x 14" (40 lbs)	27" x 18" x 14" (40 lbs)
Thickness (inches)	2.0" x 18" x 14"	2.0" x 18" x 14"
Weight (lbs)	27 lbs x 18" x 14"	27 lbs x 18" x 14"
Weight (kg)	12.2 kg x 18" x 14"	12.2 kg x 18" x 14"
Strength (NIJ)	NIJ 0101.06 (Level II)	NIJ 0101.06 (Level II)

ARMOR SYSTEM SIZES

- Available for male and female officers
- Customizing for individual fit
- Ballistic can be transferred from one RISE Carrier to another

NIJ .06 CERTIFIED



**"WEARING MY RISE VEST AND TENNY
SHARP PELLE PLATES DURING MY ENTIRE
SHIFT GIVES ME ADDED PROTECTION
WITHOUT HAVING TO WORRY ABOUT
RETRIEVING ARMOR FROM THE TRUNK OF
MY PATROL CAR."**

*— Sgt. Christopher
Rosenbloom, Chicago Police*

Angel Armor creates protection to a higher level. We do this through our ballistics testing in the development of pioneering ballistic solutions.

70

RISE[®] 2.0

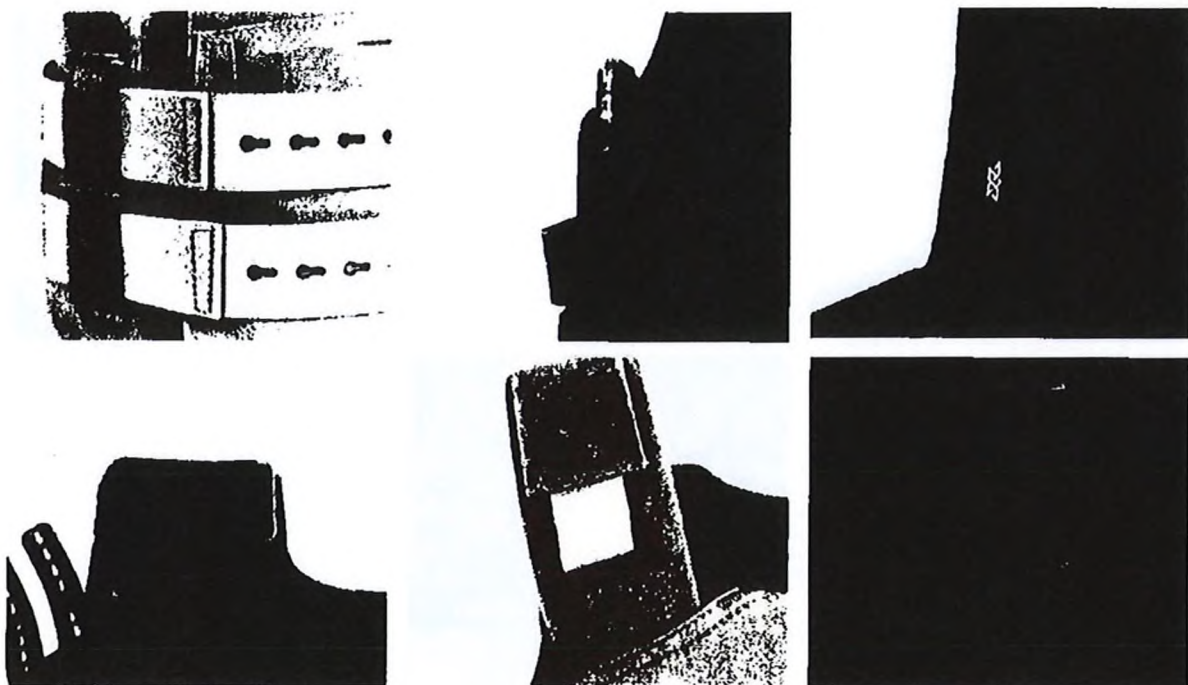
With Angel Armor's RISE armor system, you no longer need to go to the trunk for rifle protection. Angel Armor understands that mobility is the key to safety, so we've engineered a solution First Responders will actually want to wear.

Our lightweight and comfortable system — complete with market-leading weight distribution — has been developed to work with our Truth SNAP rifle plates.

This system provides front and back rifle protection that can be worn all day in a concealable or external manner, allowing efficient and effective responses as well as confidence you can stand behind.



NEVER GO TO YOUR TRUNK FOR ARMOR AGAIN™



COMFORTABLE

- Available for men and female first responders with custom sizing for a tailored fit
- Industry-leading weight distribution from Angel Armor's patented QuadCore Attachment System™
- Premium height adjustable separating shoulder straps securely attached to the ballistic armor panels to prevent armor from shifting or curling
- Durable mesh lining with antimicrobial and moisture wicking properties

FLEXIBLE

- Front MOLLE compatible zippered Admin Pocket with loop face and webbing M.C. Tabs
- Back loop D-pane
- Ambidextrous front insertion points
- External front and rear top-loading zippered plate pockets

PREMIUM QUALITY

- Made in the USA using only premium materials
- Shell constructed of durable 500 Denier CORDURA nylon
- Exceptionally durable and tear-resistant ballistic fabric with low-profile layered PALS webbing
- Discreet YKK zippers used throughout



Angel Armor exists to protect and preserve the lives of first responders and their families.

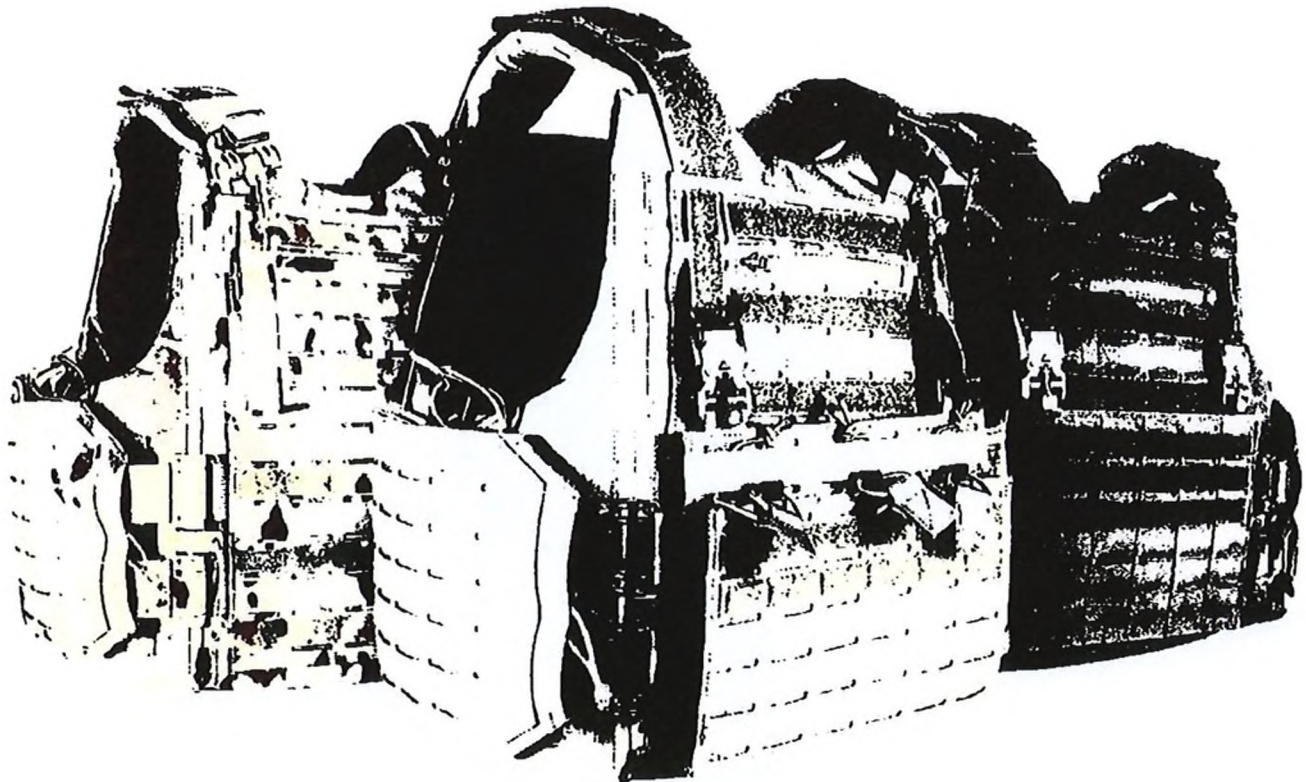
PROTECTION AT A HIGHER LEVEL®



R.T.C.TM

RISE TACTICAL CARRIER

RISE Tactical Carrier (R.T.C.) is a sleek and versatile platform built to handle any mission. Field tested and design influenced by operators, the R.T.C. offers a wide range of mission-specific configurations without compromising protection, comfort or mobility. Extensive modular feature sets scale up or down with minimal effort and maximum efficiency. Constructed with premium, breathable materials that are lightweight and durable, the R.T.C.'s innovative modular design is driven by Angel Armor's belief that protection should match your current mission, and the next one. R.T.C. - confidence you can stand behind for years to come.





**CONFIDENCE YOU CAN STAND BEHIND,
FOR YEARS TO COME**



INCLUDED ACCESSORIES:

- Front and Back Air Panels
- Shoulder Pads
- Quick-attach Magnetic Flap

AVAILABLE UPGRADES:

- Removable Rapid-Release FirstSpear™ Tubes
- Removable Rifle Magazine Pouch
- MOLLE Bridge

COMFORTABLE

- Industry-leading weight distribution from Angel Armor's patented QuadCore™ external Cummerband™ with rapid-release FirstSpear™ Tubes
- Removable shoulder pads and air panel inserts increase comfort
- Height adjustable separating shoulders (rapid-release FirstSpear™ Tubes™ upgrade available)
- Removable internal body band for faster donning time while maintaining proper side ballistic over lap

MODULAR

- Front/Back magnetic quick-attach accessories quickly secure between missions
- Quick-attach external's over-lapping rifle plate pockets at the front and bottom-loading rifle plate pockets on the back
- Removable load-bearing rifle covers accommodate 6x6 or 6x8 Truth™ SNAP rifle plates for increased protection
- Optional MOLLE bridge accessory covers FirstSpear™ Tubes™ to increase PALS field across front of vest

PREMIUM QUALITY

- Made in the USA using only premium materials
- Shell constructed of durable 500 Denier CORDURA™ with lightweight laser-cut PALS platform with loop face
- Durable mesh lining with antimicrobial and moisture wicking properties
- Comm wires and hydration tube routing at shoulders with front internal wire pass
- Quick-grab magnetic recovery handle in back with loop face



Angel Armor exists to protect and preserve the pursuit of life, liberty, and happiness for Law Enforcement and their families.

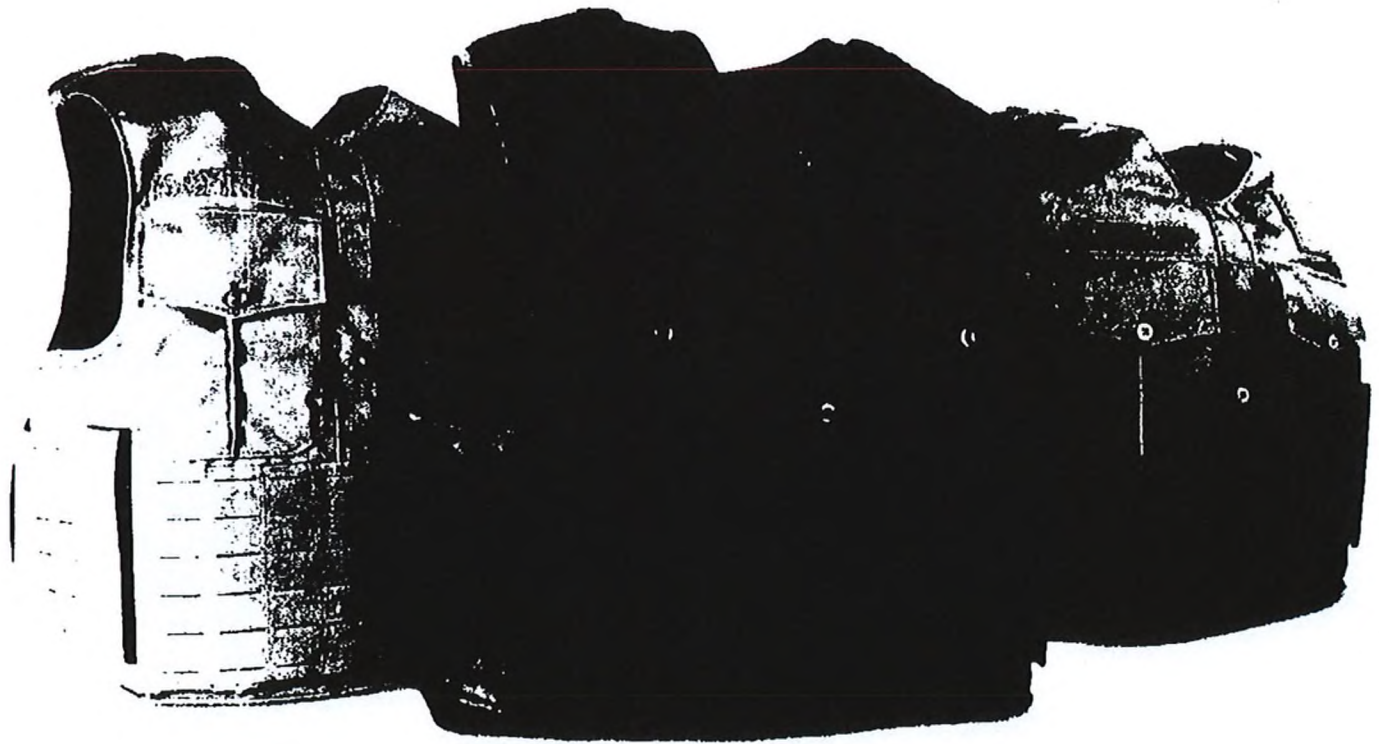
PROTECTION AT A HIGHER LEVEL™



R.U.C.™

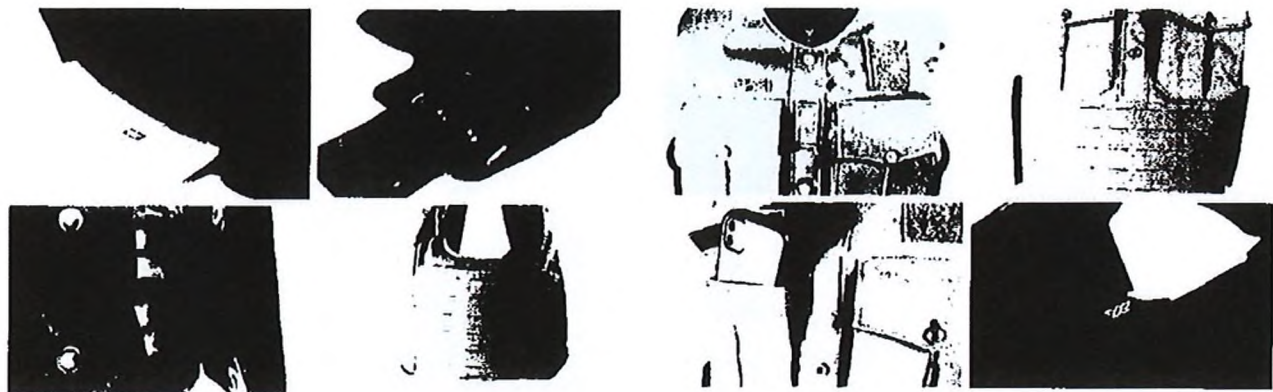
RISE UNIFORM CARRIER

RISE Uniform Carrier (R.U.C.™) is a designated external armor carrier offering all-day rifle protection and comfort in a classic uniform appearance. Available in load-bearing or Class B configurations, R.U.C. stays true to the classic RISE DNA with all-day rifle protection and unparalleled weight distribution. R.U.C. is equipped with the patented QuadCore Attachment System™ offering fully adjustable sides couple with a back to front adaptable locking belt cover for improved appearance, protection and utility. Each R.U.C. is constructed using premium materials and methods for years of service in the field. A rich feature set allows Officers to easily and safely conduct daily tasks while maintaining a professional appearance.



(15)

WE STAND BEHIND OUR BALLISTIC PERFORMANCE,
SO YOU CAN TOO.



COMFORTABLE

- The vest is designed to be worn over a uniform, with no extra weight.
- The vest is designed to be worn over a uniform, with no extra weight.
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PROFESSIONAL

- The vest is designed to be worn over a uniform, with no extra weight.
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PREMIUM QUALITY

- The vest is designed to be worn over a uniform, with no extra weight.
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- The vest is designed to be worn over a uniform, with no extra weight.



Angel Armor exists to protect. It was designed for the benefit of the liberty and
safety of law enforcement and their families.

PROTECTION AT A HIGHER LEVEL®

16

TRUTH SNAP[®]

MODULAR BALLISTIC DEFENSE
FEATURING DUAL STRIKE-FACE TECHNOLOGY



ALL-DAY RIFLE PROTECTION™

GROUNDBREAKING

- Revolutionary rifle plates provide advanced handgun, rifle, stab and special threat protection
- Rifle threat protection integrated in an ultra lightweight package for extended, all-day use
- Modular, dual strike-face design
- Multi-round capable plates exceed NIJ standards

TOUGH & SLEEK

- Rugged, durable and ready for any environment
- Refined aesthetic finish
- Proprietary, multi-curve design

CUSTOM GRAPHICS

Custom graphics available for all rifle and handgun plates. \$195.00 per rifle plate.

Add your phone, department, call ID information or your favorite image. www.trutharmor.com

CUSTOMIZABLE

- Magnetic SNAP system provides tiered threat protection – armor on or down
- Variety of sizes and cuts available, ranging from 7 x 9" to 10 x 12"
- Designed to be used in conjunction with RISE or other soft body armor vests



TRUTH SNAP®



TRUTH 308S

NIJ STANDARD 0101.06 CERTIFIED WHEN WORN IN CONJUNCTION WITH RISE ULTRA PREMIUM LEVEL IIIA*

NIJ STANDARD 0108.01 THREAT PROTECTION (LEVEL III)

- 7.62x39mm NATO (M87) - 30gr FMJ - 100 hits @ 300m
- 7.62x39mm NATO (M87) - 30gr FMJ - 100 hits @ 300m

NIJ STANDARD 0115.00 STAB RESISTANCE SPIKE LEVEL 3

SPECIAL THREAT PROTECTION

- Multi-hit 7.62x45mm Makarov (M42) - 42gr FMJ
- American Eagle T-56 (4.4) - 40gr FMJ - 100 hits



THICKNESS: 1.27 cm (1/2")
1.27 cm (1/2")

AREAL DENSITY: 4.0 g/cm² (1.54 lb/ft²)

SIZES AND WEIGHTS:

- 10" x 10" x 1/2" (25.4 x 25.4 x 1.27 cm) - 1.54 lb (0.69 kg)
- 10" x 12" x 1/2" (25.4 x 30.5 x 1.27 cm) - 1.85 lb (0.84 kg)
- 12" x 12" x 1/2" (30.5 x 30.5 x 1.27 cm) - 2.26 lb (1.03 kg)
- 12" x 14" x 1/2" (30.5 x 35.6 x 1.27 cm) - 2.57 lb (1.17 kg)
- 14" x 14" x 1/2" (35.6 x 35.6 x 1.27 cm) - 3.08 lb (1.39 kg)
- 14" x 16" x 1/2" (35.6 x 40.6 x 1.27 cm) - 3.39 lb (1.54 kg)
- 16" x 16" x 1/2" (40.6 x 40.6 x 1.27 cm) - 3.90 lb (1.77 kg)
- 16" x 18" x 1/2" (40.6 x 45.7 x 1.27 cm) - 4.21 lb (1.91 kg)
- 18" x 18" x 1/2" (45.7 x 45.7 x 1.27 cm) - 4.72 lb (2.14 kg)

TRUTH 308C

TESTED TO NIJ STANDARD 0101.06 WHEN WORN IN CONJUNCTION WITH RISE ULTRA PREMIUM LEVEL IIIA*

- 7.62x39mm NATO (M87) - 30gr FMJ - 100 hits @ 300m
- 7.62x39mm NATO (M87) - 30gr FMJ - 100 hits @ 300m

NIJ STANDARD 0115.00 STAB RESISTANCE SPIKE LEVEL 3

SPECIAL THREAT PROTECTION

- 7.62x39mm NATO (M87) - 30gr FMJ - 100 hits @ 300m
- 5.56x45mm M193 - 57gr - 100 hits @ 300m



THICKNESS: 1.27 cm (1/2")

AREAL DENSITY: 4.0 g/cm² (1.54 lb/ft²)

SIZES AND WEIGHTS:

- 10" x 10" x 1/2" (25.4 x 25.4 x 1.27 cm) - 1.54 lb (0.69 kg)
- 10" x 12" x 1/2" (25.4 x 30.5 x 1.27 cm) - 1.85 lb (0.84 kg)
- 12" x 12" x 1/2" (30.5 x 30.5 x 1.27 cm) - 2.26 lb (1.03 kg)
- 12" x 14" x 1/2" (30.5 x 35.6 x 1.27 cm) - 2.57 lb (1.17 kg)
- 14" x 14" x 1/2" (35.6 x 35.6 x 1.27 cm) - 3.08 lb (1.39 kg)
- 14" x 16" x 1/2" (35.6 x 40.6 x 1.27 cm) - 3.39 lb (1.54 kg)
- 16" x 16" x 1/2" (40.6 x 40.6 x 1.27 cm) - 3.90 lb (1.77 kg)
- 16" x 18" x 1/2" (40.6 x 45.7 x 1.27 cm) - 4.21 lb (1.91 kg)
- 18" x 18" x 1/2" (45.7 x 45.7 x 1.27 cm) - 4.72 lb (2.14 kg)

TRUTH 855

TESTED TO NIJ STANDARD 0101.06 WHEN WORN IN CONJUNCTION WITH RISE ULTRA PREMIUM LEVEL IIIA*

NIJ STANDARD 0108.01 THREAT PROTECTION (LEVEL III)

- 7.62x39mm NATO (M87) - 30gr FMJ - 100 hits @ 300m
- 7.62x39mm NATO (M87) - 30gr FMJ - 100 hits @ 300m

SPECIAL THREAT PROTECTION

- 7.62x39mm NATO (M87) - 30gr FMJ - 100 hits @ 300m
- 5.56x45mm M193 - 57gr - 100 hits @ 300m
- 5.56x45mm M193 - 57gr - 100 hits @ 300m



PAIR THE TRUTH CERAMIC STAKE FREE SCORP TO ANY TRUTH 308C PLATE TO CREATE THE TRUTH 855 SYSTEM

THICKNESS: 1.27 cm (1/2")
1.27 cm (1/2")

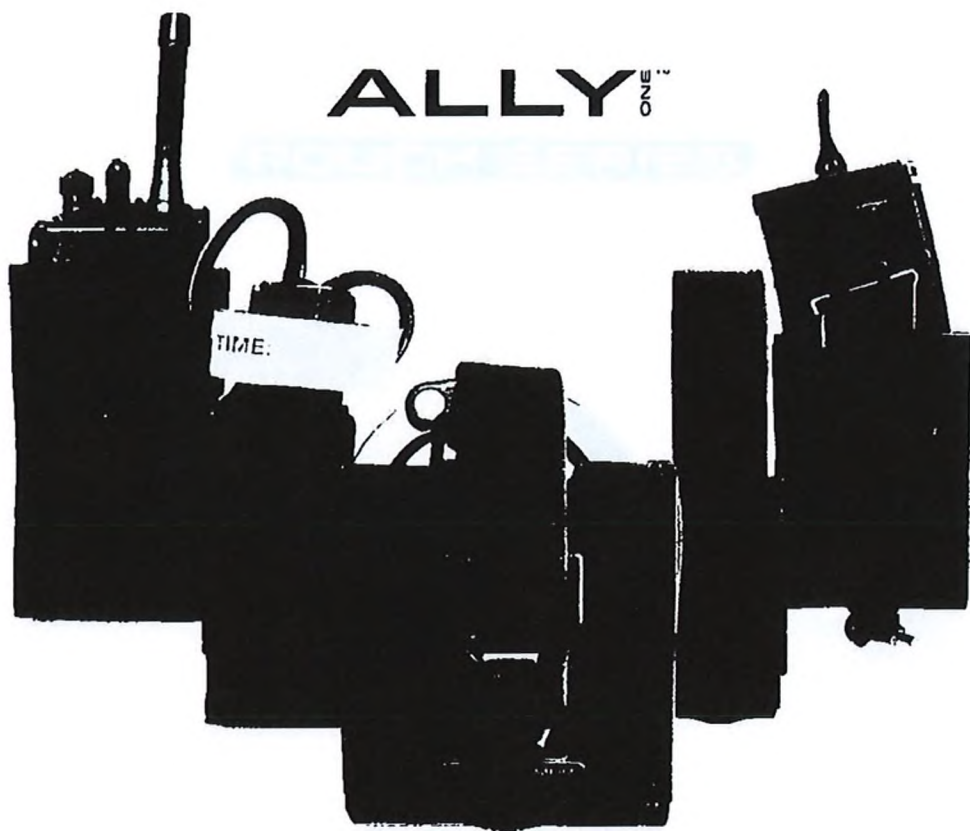
AREAL DENSITY: 4.0 g/cm² (1.54 lb/ft²)

SIZES AND WEIGHTS:

- 10" x 10" x 1/2" (25.4 x 25.4 x 1.27 cm) - 1.54 lb (0.69 kg)
- 10" x 12" x 1/2" (25.4 x 30.5 x 1.27 cm) - 1.85 lb (0.84 kg)
- 12" x 12" x 1/2" (30.5 x 30.5 x 1.27 cm) - 2.26 lb (1.03 kg)
- 12" x 14" x 1/2" (30.5 x 35.6 x 1.27 cm) - 2.57 lb (1.17 kg)
- 14" x 14" x 1/2" (35.6 x 35.6 x 1.27 cm) - 3.08 lb (1.39 kg)
- 14" x 16" x 1/2" (35.6 x 40.6 x 1.27 cm) - 3.39 lb (1.54 kg)
- 16" x 16" x 1/2" (40.6 x 40.6 x 1.27 cm) - 3.90 lb (1.77 kg)
- 16" x 18" x 1/2" (40.6 x 45.7 x 1.27 cm) - 4.21 lb (1.91 kg)
- 18" x 18" x 1/2" (45.7 x 45.7 x 1.27 cm) - 4.72 lb (2.14 kg)

Angel Armor elevates protection to a higher level, upgrading advanced materials, design and testing to the development of patented ballistic solutions.





YOUR MISSION. YOUR CHOICE. YOUR ALLY.

- ▶ Customized armor solutions for your specific mission and environment
- ▶ High performance ballistic protection for your personnel and equipment
- ▶ Lightweight and comfortable armor for maximum mobility and endurance
- ▶ Durable and reliable armor that can withstand the most demanding conditions
- ▶ Proven armor technology and materials for superior protection
- ▶ Expert technical support and training to ensure your team is fully equipped
- ▶ Proven armor technology and materials for superior protection
- ▶ Expert technical support and training to ensure your team is fully equipped



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ANGELARMOR.COM

+1 970 235 2961



Angel Armor elevates protection to a higher level with advanced research, design and testing to the world's highest level of engineering ballistic solutions.

sales@angelarmor.com
4550 Highway 21
Durango, CO 81301



ID#	Name	Title	Serial Number	Received Date	Returned Date	Date of Expiration	Status
BMP19	Palagi, Bryan	Bulletproof Vest	Second Chance 20407759	06/01/2015 12:00 AM		06/01/2020 12:00 AM	Expired
JDP32	Pelletier, Joshua	Bulletproof Vest		06/01/2015 12:00 AM		06/01/2020 12:00 AM	Expired
DR45	Raymond, Daniel	Bulletproof Vest	Second Chance 20407759	06/01/2015 12:00 AM		06/01/2020 12:00 AM	Expired
JEC13	Cunningham, Jonathan	Bulletproof Vest	Second Chance 20445681	07/01/2015 12:00 AM		07/01/2020 12:00 AM	Expired
RMH26	Huber, Ryan	Bulletproof Vest		01/01/2017 12:00 AM		01/01/2022 12:00 AM	Expired
JTR28	Rapoza, Jacob	Bulletproof Vest		01/01/2017 12:00 AM		01/01/2022 12:00 AM	Expired
BPC12	Codner, Bryan	Bulletproof Vest	Safariland 20975292	02/01/2017 12:00 AM		02/01/2022 12:00 AM	
JMK35	Kobelecki, Jason	Bulletproof Vest		02/01/2017 12:00 AM		02/01/2022 12:00 AM	
JMM29	Melody, Jessica	Bulletproof Vest	Safariland - 20972603	02/01/2017 12:00 AM		02/01/2022 12:00 AM	

ID#	Name	Title	Serial Number	Received Date	Returned Date	Date of Expiration	Status
MEB20	Braun, Matthew	Bulletproof Vest		08/01/2012 12:00 AM		08/01/2017 12:00 AM	Expired
MV15	Valzovano, Marco	Bulletproof Vest	US Armor 99910-30	07/01/2013 12:00 AM		07/01/2018 12:00 AM	Expired
DMM31	Martin, Daniel	Bulletproof Vest		02/01/2015 12:00 AM		02/01/2020 12:00 AM	Expired
MCM33	Miguel, Michael	Bulletproof Vest	Second Chance 20307961	02/01/2015 12:00 AM		02/01/2020 12:00 AM	Expired
MB11	Barboza, Michael	Bulletproof Vest		06/01/2015 12:00 AM		06/01/2020 12:00 AM	Expired
AJB21	Brillon, Adam	Bulletproof Vest		06/01/2015 12:00 AM		06/01/2020 12:00 AM	Expired
CED24	Dyson, Christopher	Bulletproof Vest		06/01/2015 12:00 AM		06/01/2020 12:00 AM	Expired
JCL30	Leduc, John	Bulletproof Vest		06/01/2015 12:00 AM		06/01/2020 12:00 AM	Expired
BMC23	Mckinnon, Brendan	Bulletproof Vest		06/01/2015 12:00 AM		06/01/2020 12:00 AM	Expired

12

ID#	Name	Title	Serial Number	Received Date	Returned Date	Date of Expiration	Status ↓
SMP38	Parrillo, Stephen	Bulletproof Vest	Safariland - 20972596	02/01/2017 12:00 AM		02/01/2022 12:00 AM	Active
NAM16	Moreira, Nelson	Bulletproof Vest		06/01/2019 12:00 AM		06/01/2024 12:00 AM	Active
MST34	Topazio, Michael	Bulletproof Vest		06/09/2019 12:00 AM		06/09/2024 12:00 AM	Active
JKG36	Glavin, Justin	Bulletproof Vest		04/01/2020 12:00 AM		04/01/2025 12:00 AM	Active
NAJ14	Jamrog, Nicholas	Bulletproof Vest	Survival Armor 2012282491	12/28/2020 12:00 AM		12/28/2025 12:00 AM	Active
CPM22	Martin, Christian	Bulletproof Vest		07/01/2021 12:00 AM		07/01/2026 12:00 AM	Active
DAT10	Tate, Devon	Bulletproof Vest		07/08/2021 12:00 AM		07/08/2026 12:00 AM	Active
NEC17	Clemens, Nicole	Bulletproof Vest	Survival Armor 2111182139	11/18/2021 12:00 AM		11/18/2026 12:00 AM	Active
JAS27	Smaldone, Jacqueline	Bulletproof Vest	Survival Armor 2111182140	11/18/2021 12:00 AM		11/18/2026 12:00 AM	Active



ID#	Name	Title	Serial Number	Received Date	Returned Date	Date of Expiration	Status ↓
LCW25	Walton, Lewis	Bulletproof Vest	Survival Armor 2111182138	11/18/2021 12:00 AM		11/18/2026 12:00 AM	Active

Chief Patrick Jones

From: Mark Wencis <mwencis@donnegan.com>
Sent: Friday, October 29, 2021 2:01 PM
To: Chief Patrick Jones
Subject: RE: Tiverton PD follow-up
Attachments: Donnegan Proposal - Tiverton Police Department Rev2.pdf

Hello Chief Jones,

Sorry, was at funeral yesterday and catching up today before the start of vacation next week.

You are correct with the pricing. We had a new revision of our software, to many changes these days with steel. When my engineer broke out the pricing the women's only priced correctly. The Men's did not include recent price changes. Unfortunately, the men's went up.

For locks we do have keyed and built in combo which both include a master key for admin. Let me know what works and I can make the change. The combo is around \$60 extra per locker. Keyed would be around \$53.

I know these are expensive but they will last a lifetime and being modular they can be reused as is or redesigned to fit other needs. We also have lesser costs lockers but you get a non-modular option and probably not the double welded doors.

See attached revised men's pricing and let me know your thoughts.

Thank you

Mark Wencis
Dunnegan Systems, Inc.
<https://dunnegan.com/>

From: Chief Patrick Jones [mailto:pjones@tivertonpolice.com]
Sent: Thursday, October 28, 2021 8:36 AM
To: Mark Wencis
Subject: Tiverton PD follow-up

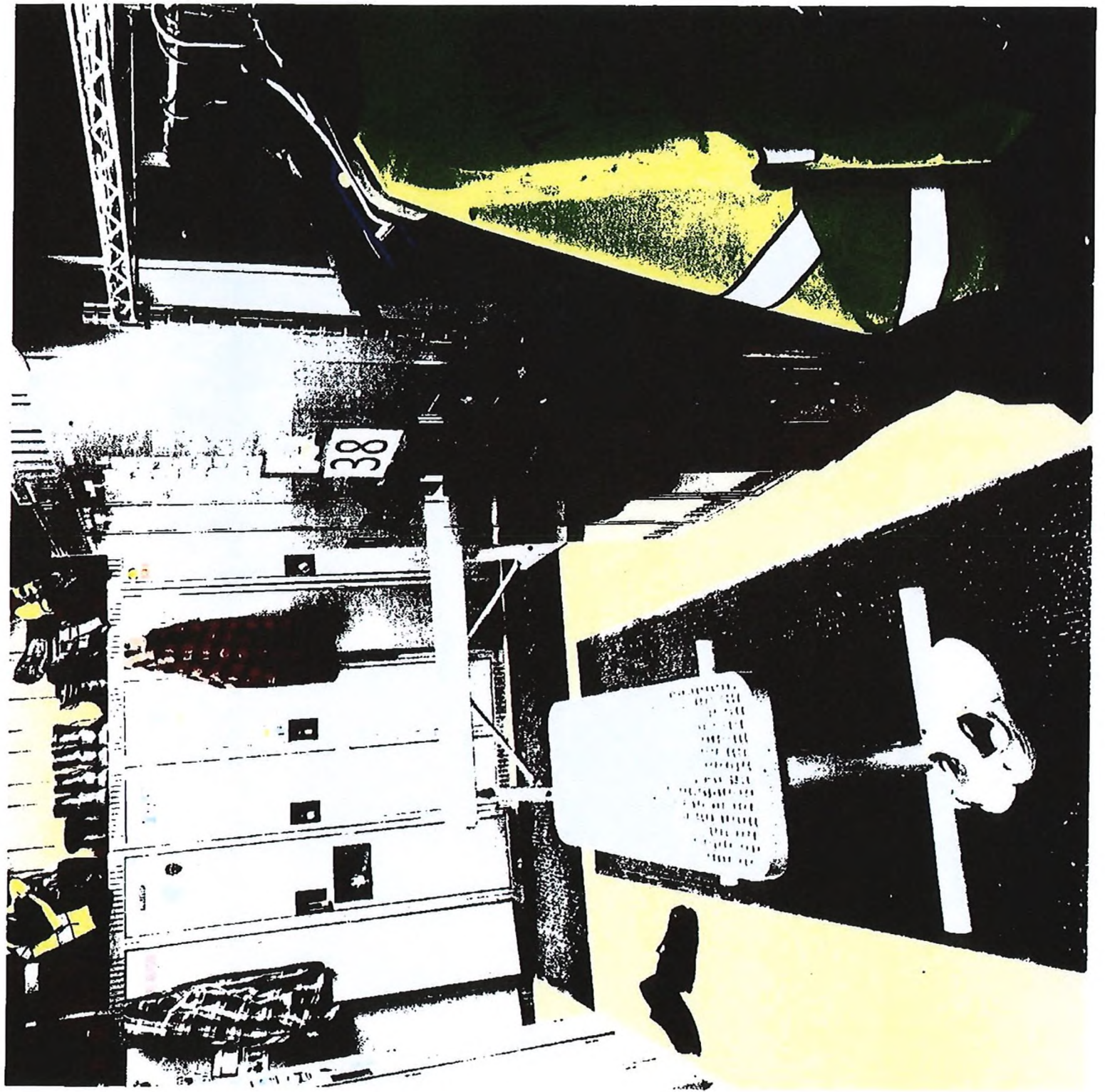
Good morning, Mark:

I had a few questions concerning our quote. The issue that jumped out was the significant difference between the purchase of six lockers for approximately 11k and the purchase of twenty-seven lockers for approximately 45k. It seems something is off. I am also interested in pre-installed locks in all lockers with administrative override keys.

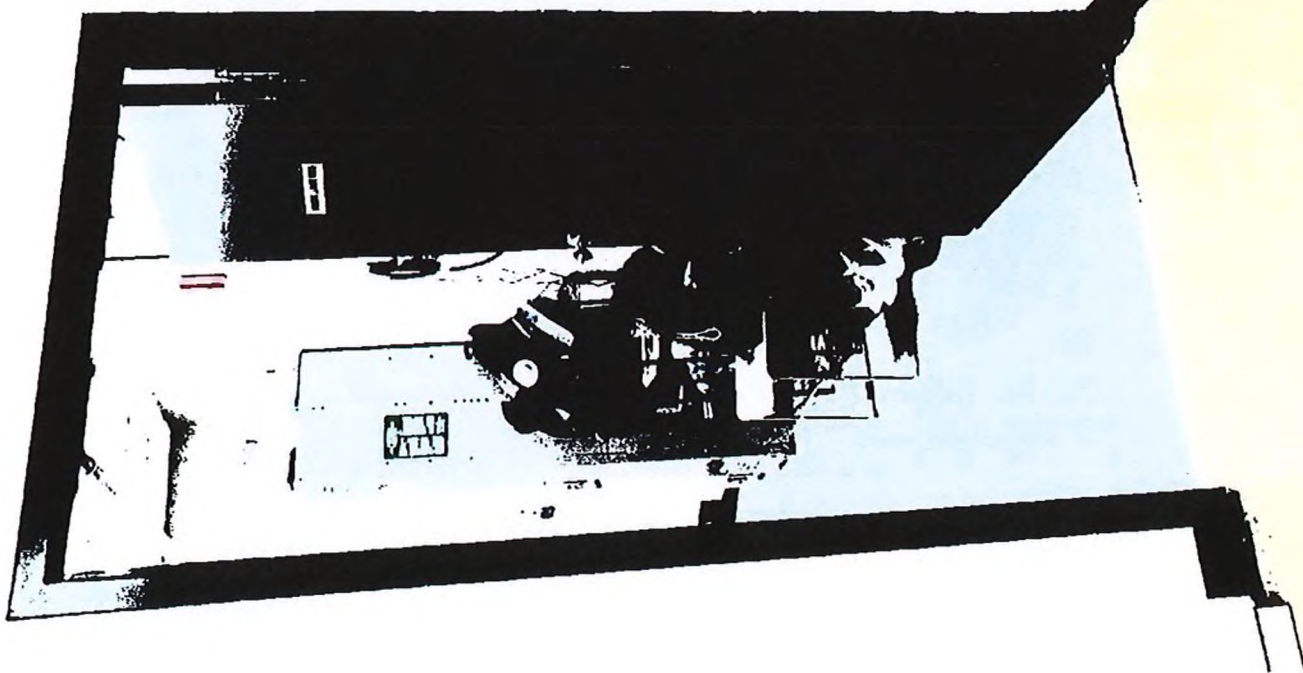
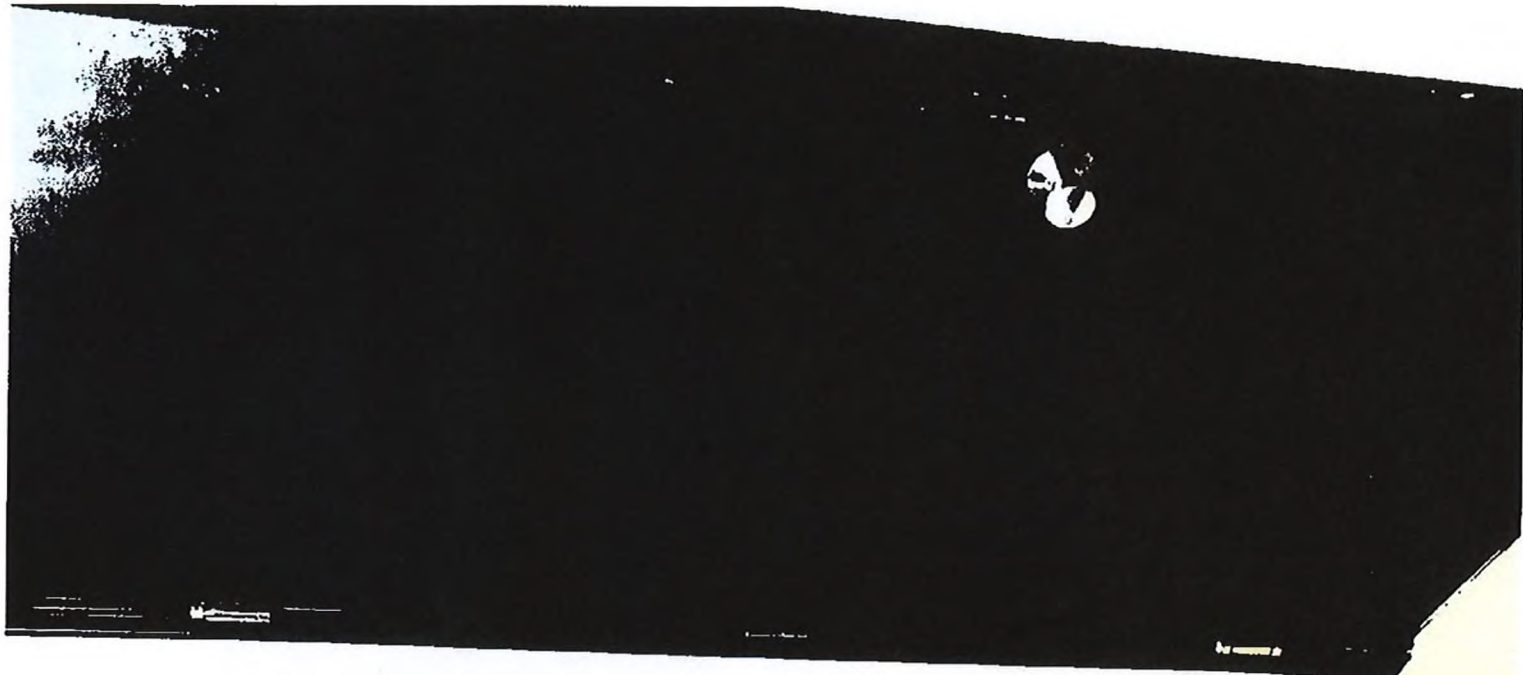
I look forward to hearing back.

Patrick W. Jones
Chief of Police
Tiverton Police Department
20 Industrial Way

(2)









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IV. Pricing: Investment Profile

Item Description:	Total Price:
Option 1 Women's Lockers	\$
Product, Delivery and Setup: <ul style="list-style-type: none"> • Delivery and Installation to be performed during normal business hours (7am-3pm) • Delivery and Installation to be performed by factory trained, Non-Union, Donnegan Systems installers • Area to be free and clear of material before installers arrive to begin installation 	\$10,104.20
Freight Estimate: <ul style="list-style-type: none"> • SHIPPER PREPAYS FREIGHT – ADDS TO CUSTOMER INVOICE • Due to volatility in freight charges, the shipping cost provided on this quote is an ESTIMATE only. Freight costs and the number of truck loads may change. The actual cost of freight will be charged at the time of shipment OR on final invoice. 	\$1,285.00
Total Price: **Does not Include State Sales Tax**	\$11,389.20

28



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IV. Pricing: Investment Profile

Item Description:	Total Price:
Option 2 Men's Lockers	\$
Product, Delivery and Setup: <ul style="list-style-type: none">• Delivery and Installation to be performed during normal business hours (7am-3pm)• Delivery and Installation to be performed by factory trained, Non-Union, Donnegan Systems installers• Area to be free and clear of material before installers arrive to begin installation	\$48,100.00
Freight Estimate: <ul style="list-style-type: none">• SHIPPER PREPAYS FREIGHT – ADDS TO CUSTOMER INVOICE• Due to volatility in freight charges, the shipping cost provided on this quote is an ESTIMATE only. Freight costs and the number of truck loads may change. The actual cost of freight will be charged at the time of shipment OR on final invoice.	\$3,400.00
Total Price: <i>**Does not Include State Sales Tax**</i>	\$51,500.00

99



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IV. Pricing: Investment Profile

Item Description:	Total Price:
Option 3 Weapons Locker	\$
Product, Delivery and Setup: <ul style="list-style-type: none"> • Delivery and Installation to be performed during normal business hours (7am-3pm) • Delivery and Installation to be performed by factory trained, Non-Union, Donnegan Systems installers • Area to be free and clear of material before installers arrive to begin installation 	\$2,840.00
Freight Estimate: <ul style="list-style-type: none"> • SHIPPER PREPAYS FREIGHT – ADDS TO CUSTOMER INVOICE • Due to volatility in freight charges, the shipping cost provided on this quote is an ESTIMATE only. Freight costs and the number of truck loads may change. The actual cost of freight will be charged at the time of shipment OR on final invoice. 	\$1,080.00
Total Price: <i>**Does not Include State Sales Tax**</i>	\$3,920.00



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A PROFESSIONAL BUDGETARY PROPOSAL PREPARED EXPRESSLY FOR

Tiverton Police Department

It is understood that the recommendations herein are intended for consideration only by your organization and that the detailed operating advantages are obtainable through the integrated utilization of Donnegan Systems, Inc.'s products and services. Under no circumstances should this information be supplied to anyone not authorized by Donnegan Systems, Inc.

**Donnegan Systems, Inc.
170 Bartlett St.
Northborough, MA 01532**

October 29, 2021

*** This Proposal is Valid for 7 Days**



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*A Proposal
Prepared Especially for*

Patrick W. Jones
Chief of Police
Tiverton Police Department
20 Industrial Way
Tiverton, RI 02878

Thank you very much for the opportunity and your business!

Date: 10/29/21
Proposal: DONN100521
Presented by: Mark Wencis
Office: (800) 222-6311 ext 314
Cell: (508) 320-7186
Fax: (508) 393-5601



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TABLE OF CONTENTS

- I. Donnegan Systems, Inc.
 - a. Competitive Strengths
 - b. Donnegan Systems Inc. Project Team
- II. Executive Summary
- III. Equipment Specifications
- IV. Investment Profile
- V. Customer Acceptance
- VI. Schedule of Values
- VII. Standard Terms and Conditions
- VIII. Conditions of Contract

33



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I(a). Donnegan Systems, Inc. Competitive Strengths

➤ One of the Largest Storage Solution Providers in the New England

One of Donnegan Systems, Inc.'s strengths is the fact that we are a distributor and not a manufacturer. We are not limited through ownership of specific manufacturing facilities or equipment. Without such limitations, we are able to provide our customers flexibility. Our resources for materials and manufacturing are limitless. We are able to quickly harness changing technology, and offer the most advanced programs to our customers.

Donnegan Systems, Inc. has a significant number of vendors who provide us with our full product line. Over 70% of our business is with a few major manufacturer partners, and because of these partnerships, Donnegan Systems, Inc. is able to control quality and costs. This allows us to provide our customers with not only a high quality product at a competitive price, but also the choice of virtually any product to fit their needs.

➤ Document Management Specialists

An important ingredient for success is focus. From our company's beginning, our focus has always been on the Document Management marketplace. This has enabled us to become true citizens of the industry. Donnegan Systems, Inc. participates nationally and locally in Document Management trade associations and works closely with many consultants. Our Document Management focus is such an integral fiber of our company, that every new person hired spends considerable time in training classes learning terminology, history and day-to-day activities of organizations in this market. Because of this training, Donnegan Systems, Inc. representatives are able to analyze business needs and offer practical solutions.

➤ Single Source Solutions

Donnegan Systems, Inc. is a true single source for Document and Storage Management products. Our complete product line allows us to service all of the needs of organizations that need true management. Because our focus is market driven, not product driven, we are continually adding new solutions to our offering. This allows us to offer cutting-edge, innovative solutions to our customers.

➤ Account Managers

Our Account Managers are Donnegan Systems, Inc.'s greatest strength. These individuals are more than just "salespeople" because they are trained to be consultants. After completing extensive training and mentoring with experienced Account Managers, these representatives are ready to offer many solutions, not just products.

➤ Customer Service Organization

Donnegan Systems, Inc. has a team of customer service representatives. These individuals are trained on our full product offering and how these products may benefit our customers. With our networked computer system you will have the peace of mind that anyone who takes your call will have the resources to answer any question regarding order status, delivery requirements, order history and accounting questions. Donnegan Systems, Inc.'s toll-free telephone numbers and business hours (8:00 a.m. - 4:30 p.m.) make it easier to reach us. The result: Innovative and accurate answers to every business need.

34



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I(b). Donnegan Systems Project Team

Jeffrey Loreaux - President, CEO – Jeff Loreaux has been with Donnegan Systems for 18 years; he held the position of Vice President for 4 years and President for the last 15 years. Jeff has over 30 years of experience with records, artifact, and general storage systems. He is a Computer Science Major from Stockton State College and was previously with TAB as Sales Consultant, Regional Manager, and Branch Manager of New England. He implemented over 100 million dollars in projects with TAB 1985-1997. As a previous Vice President of Sales for SOLION (a division of Medical Manager) from 1997-2000 he directed a national sales team of 65. *"My responsibilities at Donnegan Systems are leading and transforming our organization. Our future is in how well I can get the team to execute our plan. Working closely with the Management Team I have to make sure they are able to direct the organization's short term and long term future."*

CDIA- (Certified Document Imaging Architect)

ARMA Board of Directors, Massachusetts Chapter 1985-1991

AIMM- Board of Directors

Rachel Funnell - Senior Vice President, CFO - Rachel Funnell has been with Donnegan Systems for 34 years. Starting as an intern her senior year in college, she stayed after graduation and her role expanded and developed to controller and eventually to her current position of Senior VP & CFO. She holds an AS in Management, a BS in Accountancy (both from Bentley University) and an MBA (from Babson College). Rachel has a minority ownership in Donnegan Systems, Inc. Jeff & Rachel work very closely in looking at the organization from different perspectives to make informed business decisions about its future and direction. Rachel constantly provides great snapshot views from a financial view that enables us to make rapid informed change.

Mike Melanson - Vice President – Mike Melanson has been with Donnegan Systems for 21 years. Mike first started out in the Image Filing Division but soon made his mark on selling the full product line of Donnegan Systems. Mike was promoted to Director of Sales in 2006 and then to Vice President. Mike is an integral part of the Management Team in executing the tactics outlined for growth and success. Mike is able to manage customers as well as the sales team effectively. We know that for our continued success Mike will have to spend more time developing and managing the sales team. Jeff works closely with Mike to ensure success on both fronts.

CDIA- (Certified Document Imaging Architect)

Member of the Facilities Managers Association – Boston MA

Patrick Webster - Project Manager – Patrick Webster has been with Donnegan Systems for 17 years. His responsibilities include project management, and product implementation. He has installed several thousand storage management systems throughout his career with Donnegan Systems, Inc. Patrick is experienced with service related work from most system manufacturers including, Spacesaver, Kardex, Montel, Megastar, Hanel, Datum, Direct Line and Remstar. Patrick serves as the primary contact for the implementation phase of this project.

Gil Gothing - Installation Manager – Gil is our Master Carpenter and has 32 years of experience with Donnegan Systems Inc. His Responsibilities include project management and product implementation. Gil has installed systems from many different storage system manufacturers in his career: Spacesaver, Datum, Direct Line, Kardex, Montel, Megastar, Hanel, Tab, Acme, Ames and Remstar.

Handwritten initials 'BS' in blue ink, circled.



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Brian Funnell - Service Manager- Brian Funnell has been with Donnegan Systems for 4 years and previously worked 27 years for a global company responsible for \$25 Million in annual sales. Brian is responsible for service of hardware, software and scanning projects. Brian has 5 technicians reporting to him. Brian handles all aspects of completed projects installed by Donnegan systems. He is also responsible for all service contracts on equipment sold. Meeting new and existing customers is a priority and a desire for Brian.

Victoria Sawyer – Service/Sales Dept. Coordinator - Victoria has 2 years with Donnegan Systems Inc. and has over 10 years of experience in customer service. She is responsible for dispatching all service calls and follow up visits throughout New England and Eastern New York. She maintains service contracts and assists in the coordination of shipments and installations as well as assisting the Sales Team and answering customer inquiries.

Service Technicians Team

- Dave Belanger - Technical Sales 23 years
- Kevin Lacouture - Senior Service Technician 15 years
- Chuck Haskins - Service Technician 15 years
- Tim Cassidy – Service Technician 3 years
- Tom Mulvey – Service Technician 2 years

Installation Team:

- Gil Goring - Field Engineer 32 years
- Ross Lowell - Field Engineer 26 years
- Mike Webster - Installer 10 years
- Chris Spear – Installer 4 years
- Felix Saldana – Installer 3 years
- Tom St. George – Installer 2 years
- Jose Abarca – Installer 1 year

36



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II. Executive Summary

Donnegan Systems is providing a turnkey solution for upgrades to the Tiverton Police Department. Per meetings we confirmed designs for all (3) areas. All areas will be emptied, cleaned and ready to receive products if funded.

Please review all 3 drawings.

Please sign off on drawings and submit with contract.

Options:

1. Women's Locker Room
Qty: (6) lockers
2. Men's Locker Room
Qty: (27) Lockers
3. Evidence Weapon Cabinet.
Qty: (1)



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III. Equipment Specifications

Option 1: Women's Locker Room

Option 2: Men's Locker Room

Locker Mfr: Spacesaver

Model: Spacesaver All-Welded Reconfigurable Freestyle Locker

Men: 90"H x 24"D x 24"D Qty: 27

Women: 84"H x 24"W x 24"D Qty: 6

Note: Women's height is 84" v Men's at 90". This is due to overhead pipes in women's locker room.

Accessories:

- Flat top
- Shelf with hanger
- Single door with hasp lock. Owner supplied lock
- Shelf top of drawer
- 9"H Drawer, keyed
- Secured exterior drawer

Option 3: Modular Weapons Locker

Mfr: Spacesaver

Model: 4 post cabinet with door kit

Size: 90"H x 42"W x 24"D Qty: 1

- (3) Adjustable Shelves
- (2) Adjustable Guide Rail
- (10) Adjustable Dividers
- Keyed Double Door Kit



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V. Customer Acceptance

Finish Selections & Order Entry Procedure

FINISH SELECTIONS:

Locker: _____ (10 Standard Paint Selections)

ORDER ENTRY CHECK LIST:

Sign off on drawing	_____	_____
Sign off on proposal description	_____	_____
Submittal of purchase order	_____	_____
Submittal of 50% deposit	_____	_____

ACCEPTANCE

Donnegan Systems, Inc. President Donnegan Systems

Donnegan Systems, Inc. Dan Loreaux

Customer:

Notes:

- 1. Please circle or fill in the above selections at time of order placement.*
- 2. Pricing is based on standard finish selections. All custom paint finishes (indicated by bold print or in the metallic family) have an up-charge.*
- 3. It is the customer's responsibility to see that the above check list items have been addressed prior to submittal of purchase order.*

PURCHASE ORDERS:

Purchase orders should be made out to the following:

Donnegan Systems, Inc.
170 Bartlett Street
Northboro, MA 01532
Fax# 508-393-5601

Please include finish selections, ship to address, contact name and phone number on your purchase order.

35



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INSTALLATION and SUPPORT:

All installation work is performed by insured, bonded and factory trained system installers, which assures high quality workmanship and accountability. Donnegan Systems, Inc. will coordinate installation with your schedule. All labor is based on straight time labor during normal working hours (7 a.m. to 3:30 p.m.). If overtime is required, additional costs will be incurred.

TERMS and CONDITIONS:

Enclosed are the standard terms and conditions of Donnegan Systems, Inc.. Please note that a non-refundable down payment of 50% of the contract amount is due within ten calendar days of contract award.

LEASING OPTIONS:

Leasing options are now available. Leasing payment plans eliminate the need to fund the total purchase price, maintain your company's capital, and free up valuable bank credit lines. If you would like more information about this payment option, please let us know.

46



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VI. Schedule of Values -

Schedule of Contract Values

Donnegan Systems Inc.

PROJECT NAME:		Tiverton Police Department			
TOTAL PROJECT VALUE:		\$			
ITEM	DESCRIPTION OF WORK	SCHEDULED	ESTIMATED	ESTIMATED	TOTAL
NO.		VALUE	PROJECT START	COMPLETION	
1	1 st Payment-Due at Time of Order		\$		\$
2	2 nd Payment- Due on shipment of product from manufacturer		\$		\$
3	3 rd Payment- Due Upon Completion of Installation		\$		\$
GRAND TOTAL					\$

(e/)



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VII. Standard Terms and Conditions

The following are the standard terms and conditions of sale for Donnegan Systems, Inc., and will necessarily be made part of any contract resulting from this proposal.

DELIVERY (Dock, Elevator and Dumpster):

Donnegan Systems, Inc. will notify your designated contact person twenty-four (24) hours prior to delivery. Dock space and or elevator availability will be arranged by you and made available at no cost to Donnegan Systems, Inc.. A dumpster for removal of all shipping and packing materials will be provided at no charge to Donnegan Systems, Inc.. Dumpster must be conveniently located and easily accessible at all times during installation of the equipment.

STORAGE:

If, for any reason, you are not ready to receive the materials and storage is required, storage and handling fees will be added to your invoice.

SPACE REQUIREMENTS:

The space shall be ready for installation and free and clear of all obstructions. If it is not and there is a resulting delay, then the additional man-hours will be billed. The space shall be properly lighted. If additional lighting is required to perform the work safely, the additional cost will be invoiced. It is your responsibility to be certain the space is suitable for the installation of this equipment, i.e., adequate fire protection, clearances, and floor load capacity.

FIRE CODE:

It is the customer's responsibility to verify that the shelving system height be verified on-site prior to the placement of the purchase order to ensure that proper clearance is maintained.

FREIGHT:

Due to volatility in freight charges, the shipping cost provided on this quote is an ESTIMATE only. Freight costs and the number of truck loads may change. The actual cost of freight will be charged at the time of shipment OR on final invoice. This estimate assumes the product ships in an enclosed van. The freight estimate does NOT include flatbed truck, special equipment, special skidding, or packaging unless customer specifies at time of quote request. Additional charges such as detention fees, re-consignment, refusal re-delivery, and other unforeseen carrier charges will be added to final freight billing. Shipping and delivery dates are approximate and are not a guarantee of shipment or delivery on any particular date. Time shall not be of the essence of the contract. Seller shall not be liable for delays in or failures of delivery due to strikes or labor troubles, supplier's delays, accidents, fire, flood, acts of God, action by governmental authority, changes requested by Buyer, or other causes beyond its reasonable control. If shipment is delayed at the request of Buyer, payment shall be made by Buyer as though shipment had been made as specified and for any expenses incurred by Seller due to Buyer's request in delaying shipment; and the material shall be stored at the Buyer's risk and subject to reasonable storage charges.

INSTALLATION:

Installation is in addition to the price of the materials. Labor is planned as straight time unless otherwise noted. Overtime occurring not at Donnegan Systems, Inc.'s discretion will be added to your invoice.

42



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TAXES:

All applicable sales taxes, as required by law, will be billed.

PAYMENT:

This system has been specially designed and will be specially manufactured for your unique requirements. A non-refundable down payment of 50% of the contract amount is due with order, 25% upon shipment from manufacturer and the balance 30 days after acceptance. One and one-half (1.5) percent interest per month will be charged on any unpaid balance after thirty (30) days. If the installation is not totally complete upon final invoicing, a holdback of reasonable value is allowed without incurring interest charges.

WARRANTY:

The system is warranted against defects in materials in accordance with the given manufacturer's warranty.

INSURANCE CERTIFICATES, PERMITS & FEES:

We reserve the right to pass on any additional costs to obtain insurance certificates, building permits or miscellaneous fees that have not been previously identified and or specified in our proposal but are required to complete the project.

CHANGE ORDERS & OR CANCELLATION:

If, for any reason, you cancel the order, any cancellation, restocking and handling charges will be invoiced. Change orders requested after receipt of your purchase order may also incur additional charges.



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VIII. Conditions of Contract

1. It is agreed by the purchaser that this contract, when accepted by the seller, is not subject to cancellation or to any verbal agreement or condition not stipulated in writing on it, and that

2. Title to the goods described on the face hereof shall not pass until the purchase price is paid in full and purchaser hereby grants a security interest in said goods to secure payment and performance to seller. It is mutually agreed that the billing of such goods is for convenience only; and does not carry title with it, and that

3. In case of default of payment, or in case of removal of said goods or any part thereof without the consent of the seller, or in the event the purchaser shall mortgage or part with the possession of said property, voluntarily or involuntarily, without the consent of the seller, the latter shall have the right to resume immediate possession of same wherever it may be found, and remove it with or without process of law, and may declare this agreement terminated and may retain all money paid hereunder as liquidated damages and rental for said goods. In the event a claim is placed in an attorney's hands for collection or in the event of litigation, a reasonable attorney's fee and cost shall be added thereto, and that

4. In the event that sale, use or rental of the merchandise herein is subject to any Federal, State, Municipal or other tax, now or hereafter enacted, the amount of any such tax shall be added to the purchase or rental price.

5. The seller shall not be liable for any delay in shipment or for failure to deliver the goods covered hereunder because of fire, strikes, war or other emergency, whether national or state, or due to controls, laws or regulations issued by any Nation or State, or any political sub-division thereof, or other causes beyond its control. IN NO EVENT SHALL THE SELLER BE LIABLE FOR INDIRECT OR CONSEQUENTIAL DAMAGES SUCH AS BUT NOT LIMITED TO LOSS OF ANTICIPATED PROFITS OR OTHER ECONOMIC LOSS IN CONNECTION WITH OR ARISING OUT OF THE EXISTENCE, FURNISHING, FAILURE TO FURNISH, FUNCTIONING OR CUSTOMER'S USE OF THE GOODS.

6. All claims for shortage must be made with five (5) days from receipt of goods.

7. RENTAL AGREEMENT (applicable if this order covers rental of equipment only.) I, (we) agree to rent the said machine(s) for the period specified on the face hereof. If said machine(s) is (are) not returned to seller at the expiration of such stipulated period, I (we) agree that the rental shall continue, on the same terms and conditions until said machine(s) has (have) been returned to the seller and I, (we) further agree to pay promptly any rental accruing for such additional rental period. I, (we) also agree to be responsible for the machine(s) covered by this order and to indemnify the seller for the loss, damage or destruction of said machine(s) due to any cause whatsoever.

8. Any Equipment sold hereunder is warranted to be in satisfactory operating condition when delivered. Should any part prove defective in material or workmanship during the warranty period, replacement of same will be made without charge. Buyer shall permit full and free access to perform these services when equipment is not portable; otherwise, Buyer shall at its expense return equipment for service. This warranty does not include replacement of part due to misuse, neglect, damage, burned-out motors or fuses.

THE FORGOING WARRANTY AND LIMITATIONS ARE EXCLUSIVE REMEDIES AND ARE IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE.



The Document and Storage Management Professionals

9. To the extent any other written agreement between the parties specifically covering the sale of goods or rental of equipment is inconsistent herewith, such other written agreement shall take precedence over these standard conditions.

10. This contract is subject to our credit department approval. This quotation is made for immediate acceptance and is subject to change without notice. If based on specially printed forms, it presupposes your acceptance of overruns or underruns not exceeding 10% of the quantity ordered.

11. Deliveries are subject to delays from fires, strikes and other causes beyond our control. We reserve the right to correct clerical errors.

12. This contract shall be construed in accordance with the Laws of the Commonwealth of Massachusetts.

13. Payment terms are 50% with order, 25% upon shipment from manufacturer and the balance 30 days after acceptance.

14. Under any resulting contract, Donnegan Systems, Inc. will retain a security interest and retain all rights as a secured creditor under the Uniform Commercial Code until all checks have been cleared and payment in full has been received. In event of default, customer shall pay all collection expenses, including attorney fees

Accepted:

By _____ Date _____
 Authorized Signature

Title _____

Chief Patrick Jones

From: Chief Patrick Jones
Sent: Friday, December 17, 2021 11:27 AM
To: Ed Troiano
Subject: Re: Livescan machine - Tiverton PD

Thanks again Ed.

Get [Outlook for iOS](#)

From: Ed Troiano <ETroiano@riag.ri.gov>
Sent: Friday, December 17, 2021 10:24:16 AM
To: Chief Patrick Jones <pjones@tivertonpoliceri.com>
Subject: RE: Livescan machine - Tiverton PD

Pat, attached is the invoice for our most recent Livescan purchase to give you an idea of pricing. With COVID, you can probably expect the quote to be a little higher and a delivery time of at least 6 months but Gemalto/Thales should be able to give you a better idea. Our sales contact is raffi.dirmandriyan@thalesgroup.com, first name is Raffi. Let me know if you run into any issues.

Ed

Edward Troiano,

ETroiano@riag.ri.gov



From: Chief Patrick Jones <pjones@tivertonpoliceri.com>
Sent: Wednesday, December 15, 2021 4:54 PM
To: Ed Troiano <ETroiano@riag.ri.gov>
Subject: Re: Livescan machine - Tiverton PD

[External email - Use caution with links and attachments]

Thanks Ed. I would appreciate anything you can send my way.

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46

From: Ed Troiano <ETroiano@riag.ri.gov>
Sent: Wednesday, December 15, 2021 4:35:41 PM
To: Chief Patrick Jones <pjones@tivertonpolice.com>
Subject: RE: Livescan machine - Tiverton PD

Hi Pat, if your Livescan is EOL you will most likely need to purchase an entire new unit. We just purchased a new one for our office several months ago. Depending on the model, it will cost in the low to mid-\$20K range. I'm happy to pull our invoice or put you in touch with the right person from Gemalto, just let me know what you need. Thanks,

Ed

Edward Troiano,

[\[External email. Use caution with links and attachments\]](#)



From: Chief Patrick Jones <pjones@tivertonpolice.com>
Sent: Wednesday, December 15, 2021 2:06 PM
To: Ed Troiano <ETroiano@riag.ri.gov>
Subject: Livescan machine - Tiverton PD

[\[External email. Use caution with links and attachments\]](#)

Good afternoon Ed,

I hope you are well. I have a question about upgrades to our Livescan machine. The current computer is end of life and I would like to purchase a replacement. Please let me know what I would need to purchase and what the procedure would be to bring the existing software and information over to the new machine.

I would also ask if replacing the computer is worth it or should be looking at replacement the Livescan unit as a whole.

I look forward to hearing from you.

Best,

Patrick W. Jones
Chief of Police
Tiverton Police Department
20 Industrial Way
Tiverton, RI 02878
(401) 624-6454
Fax (401) 816-5551

47



Purchase Order

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
ONE CAPITOL HILL
PROVIDENCE RI 02908

GEMALTO COGENT INC
PO BOX 845552
DALLAS, TX 75284-5552
UNITED STATES

Purchase Order Number
3694732
Reference Contract Number

S H I P T O	ATTORNEY GENERAL 150 SOUTH MAIN STREET PROVIDENCE, RI 02903 UNITED STATES		PO Date: 26-SEP-20 Buyer: J NADEAU Shipping: PAID Terms: NET 30 Vendor #: 18865		I N V O I C E	ATTORNEY GENERAL 150 SOUTH MAIN STREET PROVIDENCE, RI 02903 UNITED STATES	
	Department			Type of Requisition		Requisition Number	Bid Number
ATTORNEY GENERAL			SS		1670706		
Line	Code	Description	Quantity	Unit	Unit Price	Total	
1	660.48	AGENCY CONTACT: SUZANNE VALLANTE 401-274-4400 SUPPLIER: RAFFI.DIRMANDZHIAN@GEMALTO.COM CT/RI- 1000ppi Palm Scanners, Fixed-Height Ruggedized Cabinets with Desktops, FBI Certified Printers, Standard Hardware, RI Software build, Shipping, Training and Installations, and 1 Year warranty - Per Quote 00005094	1	Each	20287	20,287.00	
Total:						20,287.00	

STATE PURCHASING AGENT
Nancy R. McIntyre

This Notice of Award/Purchase Order is issued in accordance with the specific requirements described herein and the State's Purchasing Regulations and General Conditions of Purchase, copies of which are available at www.purchasing.ri.gov. Delivery of goods or services as described herein shall be deemed acceptance of these requirements



Gemalto Government Business Group
Identity Management

*Hold in AFIS
Acct → DHS
will reimburse*

Quote Number 00005094 Created Date 7/23/2020
Expiration Date 10/23/2020

*KWB
7/24/20*

Quote Name Desktop LS Quote RIAG
Contact Name Ed Trolano Ship To Name Rhode Island Attorney General's Office
Bill To Name Rhode Island Attorney General's Office Ship To 4 Howard Ave.
Bill To 4 Howard Ave. Cranston, RI 02920 United States
Cranston, RI 02920 United States

Product Code	Product	Quantity	Sales Price	Total Price
75-0501-1411-9	GT/RI- 1000ppl Fixed LS - Purchase	1.00	USD 20,287.00	USD 20,287.00

Notes to the Customer Quote Includes (1) 1000ppl Palm Scanner, Fixed-height Ruggedized Cabinet w/ Desktop computer, FBI-Certified Printer, Standard Hardware, RI Criminal LS Software Build, Shipping, Installation and 1 year Warranty. Tax not included in quote.

Total Price USD 20,287.00
Grand Total USD 20,287.00

- Payment Terms: All payments for equipment and services will be made within 30 days following invoice submission.
- Warranty: CABIS and Livescan systems are delivered with a one-year hardware and software warranty. Software delivered shall be subject to licensing and agreement terms delivered with the software, use of the software constitutes acceptance of those terms.

Secure Credentials systems are delivered with a three-month software warranty and one-year hardware warranty.
Access Control devices are delivered with a one-year warranty.
Leased equipment is covered under leasing terms (except for intentional damage).

- This quote is subject to availability at the time of order entry. It is valid for ninety (90) days, after which this quote will expire. Please contact Gemalto for a new quotation. An estimated delivery date range will be provided for all non-budgetary quotes. Due to resourcing requirements and the nature of the identity management business the delivery estimates are subject to change.
- Accepted forms of payment are (1) Company Check, (2) ACH Electronic Check / Wire. Please remit to:

(1) Company Check
Gemalto Cogenl, Inc.
Lockbox 8844
P.O. Box 7247
Philadelphia, PA 19170-8844
USA

(2) ACH Electronic Check / Wire Transfer
Citibank
Branch: 930- New York
Account Number: 31086345
ABA: 021000089
SWIFT: CITIUS33

For quotes including RMS Interface line item SKUs:

- 75-0501-2083-5
- 75-0501-2084-3
- 75-0501-2127-8
- 75-0501-2128-4

*APC
7/26/20
(Signature)*



Gemalto Government Business Group
Identity Management

Cogent reserves the right to recall quoted prices for the above SKUs should a customer's particular interface requirements be deemed by Cogent Inc. to be a "Non-Standard, RMS Interface." These unique interfaces vary in complexity and can impact final cost and delivery significantly. If you are affected, Cogent will contact you to requote the interface using a time and material rate of \$250 per hour.

Created By Raffi Dimandzhyan
Email raffi.dimandzhyan@gemalto.com

50

Chief Patrick Jones

From: Todd Postler <tpostler@cybercomminc.com>
Sent: Tuesday, December 14, 2021 12:28 PM
To: Chief Patrick Jones
Cc: Pat Rush
Subject: RE: Capital requests - APX Portables - Tiverton PD
Attachments: QUOTE-1624046-1 Tiverton PD APX4000 - Budgetary.pdf; QUOTE-1624067-2 Tiverton PD APX6000 - Budgetary.pdf

Hi Chief.

I have proposed (2) options for APX portables for your Police operations.

One quote is for (30) APX4000 Portables that you purchased recently. It is a good solid public safety portable. I add the accessories that we have used in the past.

Second quote is for (30) APX6000 Portables. I wanted to share this with you as the 6000 has some additional benefits and features.

The APX 6000 is equipped with a 3-watt speaker, 3 integrated microphones and the Adaptive Audio Engine. This changes the level of noise suppression, microphone gain, windporting and speaker equalization to produce clear and loud audio in any environment.

Additionally, the battery life is better than the 4000s.

Another important benefit, is we have found the overall coverage (transmit and receive) is superior to the 4000s. In your case, if coverage is already good you may not see that as a large benefit.

Product details are attached to the quote.

The 6000 is approximately \$1135 more than the 4000.

Both are listed as Budgetary for your consideration.

Note for some reason, the APX6000 would only extend pricing to 1/1/22. That is a glitch this is being worked on.

Motorola has a pricing increase of about 8-10% that went into affect 11/29/21. So, this pricing should be fine for you 2022-2023 budget.

Please feel free to reach out to me to discuss at 860-608-0745.

Merry Christmas!

5180
ARPA
REQUEST
51

Todd C. Postler
Cyber Communications
M (860) 608-0745 | O (401) 738-1470
www.cybercomminc.com

From: Chief Patrick Jones <pjones@tivertonpoliceri.com>
Sent: Friday, December 10, 2021 4:04 PM
To: Todd Postler <tpostler@cybercomminc.com>
Subject: Capital requests

Good afternoon Todd,

Would it be possible for you to quote me for the thirty (30) APX portable radios? I am putting together my fiscal 2021-2022 budget and want to put this in as a formal request knowing it would come out of the portion of ARA monies.

Also, can you tell me what mobiles you would recommend? I know we have a mix of newer and older models. I want to know which ones we current use have life and which ones need to be replaced. These would be RISSON 800 only mobiles.

Thank you,

Patrick W. Jones
Chief of Police
Tiverton Police Department
20 Industrial Way
Tiverton, RI 02878
(401) 624-6454
Fax: (401) 816-5551

patrick.w.jones@tivertonpolice.com
www.tivertonpolice.com



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Billing Address:
TIVERTON POLICE DEPT
20 INDUSTRIAL WAY
TIVERTON, RI 02878
US

Shipping Address:
TIVERTON POLICE DEPT
20 INDUSTRIAL WAY
TIVERTON, RI 02878
US

Quote Date:12/14/2021
Expiration Date:01/01/2022
Quote Created By:
Todd Postler
lpostler@cybercomminc.com
860-608-0745

End Customer:
TIVERTON POLICE DEPT
Chief Patrick Jones
pjones@tivertonpoliceri.com
401-625-6717

Contract: 19860 - NASPO
Payment Terms:30 NET

Summary:

Any sales transaction resulting from Motorola's quote is based on and subject to the applicable Motorola Standard Terms and Conditions, notwithstanding terms and conditions on purchase orders or other Customer ordering documents. Motorola Standard Terms and Conditions are found at www.motorolasolutions.com/product-terms.

Line #	Item #	Description	Qty	Unit Price	Sale Price	Ext. Sale Price
	APX™ 4000 Series	APX4000				
1	H51UCF9PW6AN	APX 4000 7/800 MHZ MODEL 2 PORT	30	\$2,332.00	\$1,702.36	\$51,070.80
1a	QA01833AD	ADD: EXTREME NOISE REDUCTION	30	\$28.00	\$20.44	\$613.20
1b	Q667BB	ADD: ADP ONLY (NON-P25 CAP COMPLIANT) (US ONLY)	30	\$0.00	\$0.00	\$0.00
1c	QA02756AB	ENH: 3600 OR 9600 TRUNKING BAUD SINGLE SYSTEM	30	\$1,727.00	\$1,260.71	\$37,821.30
1d	H869CE	ENH: MULTIKEY	30	\$363.00	\$264.99	\$7,949.70
1e	H885BK	ADD: 3Y ESSENTIAL SERVICE	30	\$95.00	\$95.00	\$2,850.00
1f	QA02749AA	ALT: IMPRES LI-ION 2350MAH (PMNN4424)	30	\$94.00	\$68.62	\$2,058.60



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement"); that authorizes Customer to purchase equipment and/or services or license software collectively "Products". If no underlying Agreement exists between Motorola and a Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

Motorola Solutions, Inc. 500 West Vothree, United States - 60661 - # 36-1115603

53



MOTOROLA SOLUTIONS

Budgetary

2023-2024
Customer: [illegible]

Line #	Item #	Description	Qty	Unit Price	Net Price	Est. Sales
2	PMLN7182A	APX2000/4000 TWO-KNOB, SWIVEL, LEATHER CARRY CASE	30	\$66.00	\$48.18	\$1,445.40
3	PMPN4174A	CHGR DESKTOP SINGLE UNIT IMPRES, US/NA	30	\$76.00	\$55.48	\$1,664.40
4	PMMN4069AL	MICROPHONE, IMPRES RSM, 3.5MM JACK, IP55	30	\$133.00	\$97.09	\$2,912.70
5	PMNN4424B	BATT IMPRES LIION IP68 2350T	30	\$135.00	\$98.55	\$2,956.50

Grand Total

\$111,342.60(USD)



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement"), that authorizes Customer to purchase equipment and/or services or license software, collectively "Products". If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

Motorola Solutions Inc., 500 West Monroe, United States - 60661 - # 36-1115600

54



MISSION READY WHEN IT MATTERS MOST

APX™ 4000 PROJECT 25 PORTABLE RADIO

Chemical spill. Catastrophic storm. Power outage. When every minute matters, you must communicate instantly with other agencies and responders. But how do you prepare for a disaster and keep control of operating costs? That's where the APX 4000 P25 portable radio answers the call, expertly and affordably.

The APX 4000 delivers all the benefits of TDMA technology in the smallest P25 capable portable in the industry. Easy to use, tough as nails, a hard value to beat, it seamlessly connects agencies throughout your city for fast, interoperable communications.

TRUSTED APX QUALITY

The APX 4000 leverages the leading attributes of the APX family of P25 TDMA portables. From the 2-microphone design that reduces background noise so you can speak and hear clearly over heavy equipment, diesel engines and sirens to the high-spec RF performance for excellent coverage in challenging environments.

With its easy-to-use interface, color display, intelligent lighting and radio profiles, you get all the power of APX in a compact radio. Plus, you can extend the performance of your radio with a complete portfolio of industry-leading iMPRES™ smart energy and audio accessories.

COMPACT AND UNCOMPROMISING

A compact P25 Phase 2 capable portable, the APX 4000 gets the job done without getting in the way. With two dedicated knobs for volume and channel control, the APX 4000 provides readiness for any type of work setting. And its standard IP67 and MIL-STD certified to withstand dust, heat, shock, drops and water immersion, so you can count on it wherever you need it — at the factory line, power line or fire line.

P25 PERFORMANCE INSIDE AND OUT

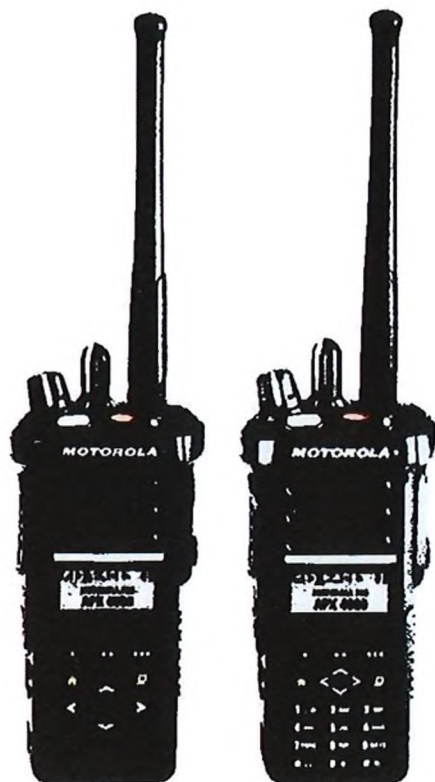
Loaded with key P25 features to increase safety, the APX 4000 features Mission Critical Wireless. This unique Bluetooth™ solution provides an encrypted link to a high performance earpiece, GPS for quickly locating personnel outdoors, AES encryption for improved security, and over-the-air programming to program radios in the field without interrupting voice operation.

IMPROVE RESPONSE AND EXPENSES

The APX 4000 is P25 Phase 2 capable for twice the voice capacity so you can add more users without adding more frequencies or infrastructure. And it's backwards and forwards compatible with all Motorola mission critical radio systems, so you can interoperate with confidence while you improve operating expenses.

POWER UP WITH APX 4000 ACCESSORIES

- Designed, tested and certified for optimum performance with your radio.
- Complete portfolio of remote speaker, microphones, headsets and Mission Critical Wireless Bluetooth accessories.
- High-powered iMPRES™ batteries that have a slim design to fit the compact radio size.



FEATURES AND BENEFITS

Available in 700/800 MHz, VHF, UHF-R1, UHF-R2 and 900 MHz bands

- Trunking standards supported
- Clear channel activated ASTRO 25 Trunked Operation
- Digital Voice SmartZone™, SmartZone™, SmartZone™, SmartNet™

Analogue, MDC-1200 and Digital, APD0/PDS Conventional System Configurations

Narrow and wide band digital receive (6.25 kHz equivalent, 12.5 kHz, 20 kHz, 25 kHz)

Standard 12.5 kHz data control keys for numerical and alphanumeric changes

Emergency digital key (ASTRO & ASTRO25)

Intelligent Power Save

Man Down

Available in 2 modes

Lighting with intelligent lighting

Rapid Reversal

Unified Call List

Software Key

ASTRO 25 Integrated Voice & Data

User programmable Voice Announcement

System Recall

Meets applicable MIL-STD-883C D, E, F and G

IP67 standard

Rugged Submersible housing
(2 meters for 2 hours)

Superior Audio Features

- 0.5 W High audio speaker
- 2-microsecond cancellation technology

Integrated GPS/GNSS for outdoor location tracking

Supports Windows API, Java and Windows 7 and 8 Customer Programming Software (CPS)

- Supports USB communications
- Bluetooth® ASiPort™ support

• Supports direct access to incoming MPRES callfiles, ringtones and audio playbacks

• Mission Critical Wireless Bluetooth™

OPTIONAL FEATURES

ABS Encryption

Programming Over Project 25

Text Messaging

Man Down

Site Selectable Alert Tones

P25 Link Layer Authentication

Enhanced Data

Rugged Control M1, S1, S10, X, Delta™

Motorola, Motorola logo, SmartZone, SmartZone logo, SmartNet, SmartZone logo, ABS Encrypted, ABS Encrypted logo, Project 25, Project 25 logo, Text Messaging, Man Down, Site Selectable Alert Tones, P25 Link Layer Authentication, Enhanced Data, Rugged Control M1, S1, S10, X, Delta are trademarks of Motorola Mobility LLC. All other trademarks are the property of their respective owners. © 2014 Motorola Mobility LLC. All rights reserved. Motorola Mobility LLC is an Equal Opportunity Employer. Motorola Mobility LLC is an Equal Opportunity Employer. Motorola Mobility LLC is an Equal Opportunity Employer.

TRANSMITTER - TYPICAL PERFORMANCE SPECIFICATIONS

		700/800	VHF	UHF Range 1	UHF Range 2	900 MHz ¹
Frequency Range	700 MHz 800 MHz	753-775, 793-805 MHz	136-174 MHz	360-470 MHz	460-570 MHz	949-960, 935-947 MHz
Bandwidth		800/224, 851/270 kHz				
Channel Spacing		25, 12.5 kHz	30, 25, 12.5 kHz	25, 12.5 kHz	25, 12.5 kHz	12.5 kHz
Maximum Frequency Separation		Full Bandwidth	Full Bandwidth	Full Bandwidth	Full Bandwidth	Full Bandwidth
Rated RF Output Power Avg		1.5 Watts Max	1.5 Watts Max	1.5 Watts Max	1.5 Watts Max	1.25 Watts Max
Frequency Stability		±0.00010 Hz	±0.00010 Hz	±0.00010 Hz	±0.00010 Hz	±0.00010 Hz
Modulation Limiting		±5 kHz, ±4 kHz, ±2.5 kHz	±5 kHz, ±4 kHz, ±2.5 kHz	±5 kHz, ±4 kHz, ±2.5 kHz	±5 kHz, ±4 kHz, ±2.5 kHz	±2.5 kHz
Emissions (Conducted and Radiated)		-75 dB	-75 dB	-75 dB	-75 dB	-75 dB
Audio Response		+1, -3 dB	+1, -3 dB	+1, -3 dB	+1, -3 dB	+1, -3 dB
FM-HoM & Noise	25 kHz 12.5 kHz	-47 dB -45 dB	-47 dB -47 dB	-47 dB -45 dB	-47 dB -45 dB	-45 dB
Audio Distortion	25 kHz 12.5 kHz	1.00 % 1.00 %	1.00 % 1.00 %	1.00 % 1.00 %	1.00 % 1.00 %	1.00 %

BATTERIES FOR APX 4000

Battery Capacity / Type	Dimensions (HxWxD)	Weight	Battery Part Number	Battery Capacity
Li-Ion IM-PRES 1800 mAh IP67 ¹	114 x 65 x 34 x 23 mm	150 grams	MV180004	1800 mAh
Li-Ion IM-PRES 2300 mAh IP67 Non-ratLoc	114 x 65 x 34 x 23 mm	160 grams	PM1N44004P	2300 mAh
Li-Ion IM-PRES 2300 mAh IP67 ¹ ratLoc ¹	114 x 65 x 34 x 23 mm	170 grams	MV180004	2300 mAh
Li-Ion IM-PRES 2700 mAh IP64 Non-ratLoc	114 x 65 x 34 x 23 mm	160 grams	PM1N44004P	2700 mAh

¹ MIL-STD-883C D, E, F and G
² MIL-STD-883C D, E, F and G

56

RADIO MODELS



MODEL 2



MODEL 3

Display	Full backlit color LCD display 3 lines of text x 14 characters Line of icons 1 menu line x 2 menus White background	Full backlit color LCD display 3 lines of text x 14 characters Line of icons 1 menu line x 2 menus White background
Keypad	Backlight keypad 3 soft keys 4 direction/Navigation key, Home and Data buttons	Backlight keypad 3 soft keys 4 direction/Navigation key, 4x2 keypad Home and Data buttons
Channel Capacity	512	512
Flashport Memory	64 MB	64 MB
700-800 MHz (763-870 MHz)	H510C-9PW6AN	H510C-9PW7AN
VHF (136-174 MHz)	H510D-9PW6AN	H510D-9PW7AN
UHF Range 1 (380-470 MHz)	H510D-9PW6AN	H510D-9PW7AN
UHF Range 2 (450-520 MHz)	H510D-9PW6AN	H510D-9PW7AN
900 MHz (896-902, 935-941 MHz)	H510E-9PW6AN	H510E-9PW7AN
Buttons & Switches	Large PTT button • Analog On/Off Volume Control • 18 position touch-sensitive rotary switch • Orange emergency button • 3 programmable speed dials	

TRANSMITTER CERTIFICATION

700-800 (764-869 MHz)	A7489F17049
VHF (136-174 MHz)	A7489F12528
UHF Range 1 (380-470 MHz)	A2469F14905
UHF Range 2 (450-520 MHz)	A7489F14910
900 MHz (896-902, 935-940 MHz)	A2489F12884

FCC EMISSIONS DESIGNATORS

FCC Emissions Designators	11K0F3E, 11K0F3E, 6K1G1D, 6K1G1E, 6K1G1F, 6K1G1W, 20K0F1E*
FCC Emissions Designators for 900 MHz	11K0F3E, 6K1G1D, 6K1G1E, 6K1G1W

POWER SUPPLY

Power Supply	One rechargeable Li-Ion 1900mAh battery standard with a separate battery option available
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RECEIVER - TYPICAL PERFORMANCE SPECIFICATIONS

	700/800	VHF	UHF Range 1	UHF Range 2	900 MHz	
Frequency Range, Bandsplit	700 MHz 800 MHz	763-776 MHz 851-870 MHz	136-174 MHz	380-470 MHz	450-520 MHz	890 MHz (895-902, 935-941 MHz)
Channel Spacing	12.5 kHz	12.5 kHz	12.5 kHz	12.5 kHz	12.5 kHz	12.5 kHz
Maximum Frequency Separation	Full Bandsplit	Full Bandsplit	Full Bandsplit	Full Bandsplit	Full Bandsplit	Full Bandsplit
Audio Output Power at Patec	500mW	500mW	500mW	500mW	500mW	500mW
Frequency Stability (+30°C to -50°C, +25°C Ref)	<0.00010%	<0.00010%	<0.00010%	<0.00010%	<0.00010%	<0.00010%
Analog Sensitivity	12 dB SINAD	0.750µV	0.710µV	0.734µV	0.734µV	0.736µV
Digital Sensitivity ¹	12 dB SINAD	0.400µV	0.277µV	0.307µV	0.307µV	0.332µV
	5% BER	0.250µV	0.188µV	0.207µV	0.207µV	0.227µV
Sensitivity	25 kHz channel	-78 dB	-76 dB	-76 dB	-76 dB	-76 dB
	12.5 kHz channel	-67 dB	-70 dB	-67 dB	-67 dB	-67 dB
Intermodulation		-76 dB	-79 dB	-77 dB	-77 dB	-75 dB
Spurious Rejection		-76.6 dB	-80.9 dB	-80.3 dB	-80.3 dB	-80 dB
IAM Hum and Noise	25 kHz	-63 dB	-61 dB	-60 dB	-60 dB	-60 dB
	12.5 kHz	-47 dB	-45 dB	-45 dB	-45 dB	-47 dB
Audio Distortion		1.00%	1.00%	1.00%	1.00%	1.00%

PORTABLE MILITARY STANDARDS 810 C, D, E, F & G

	MIL-STD 810C		MIL-STD 810D		MIL-STD 810E		MIL-STD 810F		MIL-STD 810G	
	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.
Low Pressure	500.1	I	500.2	I	500.3	I	500.4	I	500.5	I
High Temperature	501.1	I, I	501.2	A1, I, A1	501.3	A1, I, A1	501.4	Hot II Basic Hot	501.5	I, A1, I, A2
Low Temperature	502.1	I	502.2	C3, II, C1	502.3	C3, I, C1	502.4	C3, II, C1	502.5	C3, II, C1
Temperature Shock	503.1	I	503.2	A1, C3	503.3	A1, C3	503.4	I	503.5	I, C
Solar Radiation	505.1	I	505.2	I	505.3	I	505.4	I	505.5	A1
Rain	506.1	I, I	506.2	I, I	506.3	I	506.4	I, II	506.5	I, I
Humidity	507.1	II	507.2	I	507.3	I	507.4	I Proc.	507.5	I, Aggravated
Salt Fog	509.1	I	509.2	I	509.3	I	509.4	I Proc.	509.5	I Proc.
Blowing Dust	510.1	I	510.2	I	510.3	I	510.4	I	510.5	I
Blowing Sand	I Proc.	I Proc.	510.2	I	510.3	I	510.4	I	510.5	I
Vibration	514.2	VIII F, Curve-W	514.3	10, I, 3	514.4	10, I, 3	514.5	I, 24	514.6	I, 24
Shock	516.2	I, I, V	516.3	I, V, V	516.4	I, V, V	516.5	I, V, V	516.6	I, V, VI
Shock (Drop)	516.2	II	516.2	V	516.4	V	516.5	IV	516.6	IV

DIMENSIONS OF THE RADIOS WITHOUT BATTERY

	Inches	Millimeters
Length	5.47	137.7
Width Push-To-Talk button	2.47	61.4
Depth Push-To-Talk button	1.41	35.75
Width Top	2.62	66.55
Depth Top	1.84	46.7
Weight of the radios without battery	10.05 oz	285 g

GPS SPECIFICATIONS

Channels	12
Tracking Sensitivity	-159 dBm
Accuracy	< 3 meters (95%)
Cold Start	< 60 seconds (95%)
Hot Start	< 10 seconds (95%)
Mode of Operation	Autonomous (Non-Assisted) GPS

ENCRYPTION

Supported Encryption Algorithms	AES, ADP
Encryption Algorithm Capacity	8
Encryption Keys per Radio	Module capable of storing 1024 keys Programmable for 48 Common Key Reference (CKR) or 16 Physical Identifier (PID)
Encryption Frame Re-synch Interval	P25 CA: 300 mSec.
Encryption Keying	Key Loader
Synchronization	X.25 Counter Addressing OFB - Output Feedback
Vector Generator	National Institute of Standards and Technology (NIST) approved random number generator
Encryption Type	Digital
Key Storage	Tamper protected volatile or non-volatile memory
Key Erasure	Keyboard Command and tamper detection
Standards	FIPS 140-2 Level 3, FIPS 197

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-30 C to +60 C
Storage Temperature	-40 C to +85 C
Humidity	Per MIL-STD
ESD	IEC 801-2 KV
Water and Dust Ingress	MIL-STD 883C, Delta - 1

Motorola Solutions, Inc. 1301 East Algonquin Road Schaumburg, Illinois 60196, U.S.A. 800-367-2346
motorolasolutions.com

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58



MOTOROLA SOLUTIONS

Budgetary

Quote # 19860
Budgetary

Billing Address:
TIVERTON POLICE DEPT
20 INDUSTRIAL WAY
TIVERTON, RI 02878
US

Shipping Address:
TIVERTON POLICE DEPT
20 INDUSTRIAL WAY
TIVERTON, RI 02878
US

Quote Date:12/14/2021
Expiration Date:01/01/2022
Quote Created By:
Todd Postler
tpostler@cybercomminc.com
860-608-0745

End Customer:
TIVERTON POLICE DEPT
Chief Patrick Jones
pjones@tivertonpoliceri.com
401-625-6717

Contract: 19860 - NASPO
Payment Terms:30 NET

Summary:

Any sales transaction resulting from Motorola's quote is based on and subject to the applicable Motorola Standard Terms and Conditions, notwithstanding terms and conditions on purchase orders or other Customer ordering documents. Motorola Standard Terms and Conditions are found at www.motorolasolutions.com/product-terms.

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
	APX™ 6000 Series	APX6000				
1	H98UCF9PW6BN	APX6000 700/800 MODEL 2.5 PORTABLE	30	\$3,595.00	\$2,624.35	\$78,730.50
1a	QA09006AA	ADD: ADAPTIVE NOISE SUPPRESSION	30	\$165.00	\$120.45	\$3,613.50
1b	Q667BB	ADD: ADP ONLY (NON-P25 CAP COMPLIANT) (US ONLY)	30	\$0.00	\$0.00	\$0.00
1c	Q361AR	ADD: P25 9600 BAUD TRUNKING	30	\$330.00	\$240.90	\$7,227.00
1d	H38BT	ADD: SMARTZONE OPERATION	30	\$1,320.00	\$963.60	\$28,908.00
1e	Q58AL	ADD: 3Y ESSENTIAL SERVICE	30	\$121.00	\$121.00	\$3,630.00
1f	Q806BM	ADD: ASTRO DIGITAL CAI OPERATION	30	\$567.00	\$413.91	\$12,417.30



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement"); that authorizes Customer to purchase equipment and/or services or license software, collectively "Products";. If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.
Motorola Solutions, Inc. 500 West Monroe United States - 60661 - # 36-115800





MOTOROLA SOLUTIONS

Budgetary

02/11/2019 10:41:59
Budgetary

Item #	Part Number	Description	Qty	Unit Price	Sale Price	Ext. Sale Price
2	NNTN8863A	CHARGER, SINGLE-UNIT, IMPRES 2. 3A, 100-240VAC, US/NA PLUG	30	\$157.00	\$114.61	\$3,438.30
3	PMLN5842A	HARD LEATHER CC 2.5INCH SWL LKP FKP	30	\$60.00	\$43.80	\$1,314.00
4	PMNN4485A	BATT IMPRES 2 LIION R IP68 2550T	30	\$146.00	\$106.58	\$3,197.40
5	PMMN4069AL	MICROPHONE,IMPRES RSM, 3.5MM JACK, IP55	30	\$133.00	\$97.09	\$2,912.70

Grand Total

\$145,388.70(USD)



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement"); that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.
Motorola Solutions Inc. 500 West Monroe, United States - 60661 - # 36-115800

60

APX™ 6000 SINGLE-BAND PORTABLE RADIO



From day one, the single-band APX 6000 P25 portable radio has delivered legendary APX ruggedness and reliability, without compromising on the form factor or features required for routine activities and extreme emergencies. Now, as the ever-increasing needs of public safety personnel grow, we are evolving the APX 6000 to support newer technologies like Wi-Fi®, Adaptive Audio Engine, and Bluetooth® 4.0 wireless technology. These advances help improve the operational efficiency and response time of public safety agencies while enhancing the safety of personnel and communities.

VOICE AND DATA, ALL AT ONCE

Update your radio fleet without interrupting voice communications with secure Wi-Fi. This dramatically improves the speed of configuring new codeplugs, firmware and software features over-the-air via Radio Management™. Agencies can pre-provision up to 20 secure Wi-Fi hotspots so personnel can easily access updates at the facility or in the field.

HEAR AND BE HEARD

The APX 6000 is equipped with a 3-watt speaker, 3 integrated microphones and the Adaptive Audio Engine. This changes the level of noise suppression, microphone gain, windporting and speaker equalization to produce clear and loud audio in any environment.

SEAMLESS ON-SCENE COMMUNICATION

Ensure fast and seamless communication and collaboration across all responders arriving on a scene. Mission Critical Geofence automatically changes a radio's active talkgroup based on its GPS location and an agency-defined virtual barrier. For example, an incident commander can create a geofence around the 3-block radius of a burning building so that all arriving personnel are automatically placed in the same talkgroup.

EMERGENCY FIND ME

Bluetooth 4.0 places a wide range of wireless accessories at your disposal and provides personnel with an added level of security by improving response time in emergencies. With Emergency Find Me, a Bluetooth-enabled beacon signal guides other Bluetooth-enabled APX radios within range to assist the user in distress.





SPECIFICATIONS

RF BANDS

- 700/800 MHz, VHF, UHF Range 1 & UHF Range 2
- 9600 Baud Digital APCO P25 Phase 1 FDMA and Phase 2 TDMA Trunking
- 3600 Baud SmartNet[™], SmartZone[™], SmartZone[™], Omnilink Trunking
- Digital APCO 25, Conventional, Analog MDC 1200, Quick Call II System Configurations Narrow and Wide Bandwidth Digital Receiver (6.25 kHz Equivalent/25/20/12.5 kHz)

STANDARD FEATURES

- Mission Critical Wireless Bluetooth[™] 4.0 LE
- Emergency Find Me
- ASTRO[™] 25 Integrated Voice & Data
- Integrated GPS/GLONASS for Outdoor Location Tracking
- Voice Announcements
- ISSI 8000 Roaming
- Radio Profiles
- Dynamic Zone
- Intelligent Lighting
- Single-Key ADP Encryption
- IP68 submersion (2 meters, 2 hours)
- IMPRES 2 Battery (PMNN4485)
- Text Message
- Software Key

PROGRAMMING

- Utilizes Windows 7 & 8 Customer Programming Software (CPS) with Radio Management

ADAPTIVE AUDIO ENGINE (OPTIONAL)

- 3-W Speaker with Adaptive Equalization
- Adaptive Dual-Sided Operation
- Adaptive Noise Suppression Intensity
- Adaptive Gain Control
- Adaptive Windporting

OPTIONAL FEATURES

- Wi-Fi 802.11 n/g/n
- LEX L1C Collaboration
- RFID Volume Knob
- Multi-key for 128 keys and Multi-Algorithm
- Programming Over Project 25 (OTAP)
- Over the Air Rekey (OTAR)
- Digital Tone Signaling
- Mission Critical Geofence
- P25 Authentication
- Man Down Capability
- High Impact Green and Public Safety Yellow Colored Housing Options
- Rugged Option: IP68 (2m/4hr), Mil Std 512 X Delta - T¹
- Listed by UL to the standards ANSI/TIA 495C-A and CAN/CSA C22.2 NO. 157-92 Classification Rating, Class I, Division 1, Groups C, D, Class II, Division 1, Group E, F, G, Class III, Hazardous (Classified) Locations - ANSI/ISA 12.12.01-2015 and CAN/CSA C22.2 No. 213-15, Class 1, Division 2, Groups A, B, C, D, T3C, Tamb = -25 °C to +60 °C when used with Motorola Battery NN1N8921A NNTN893CA 7.4V

TRANSMITTER - TYPICAL PERFORMANCE SPECIFICATIONS

		700/800	VHF	UHF Range 1	UHF Range 2
Frequency Range Bands (s)	700 MHz 800 MHz	763-775, 793-805 MHz 806-874, 851-870 MHz	136-174 MHz	390-470 MHz	450-570 MHz
Channel Spacing		25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz
Maximum Frequency Separation		Full Bandwidth	Full Bandwidth	Full Bandwidth	Full Bandwidth
Rated RF Output Power Adj.		1-3 Watts Max	1-5 Watts Max	1-5 Watts Max	1-5 Watts
Frequency Stability (+30 °C to +60 °C, +25 °C Ref.)		±0.00010 Hz	±0.00010 Hz	±0.00010 Hz	±0.00010 Hz
Modulation Limiting		+5 kHz, +4 kHz, -1.5 kHz	+5 kHz, +4 kHz, -2.5 kHz	+5 kHz, +4 kHz, -2.5 kHz	+5 kHz, +4 kHz, -2.5 kHz
Emissions (Conducted and Radiated)		-75 dB	-75 dB	-75 dB	-75 dB
Audio Response		+1, -3 dB	+1, -3 dB	+1, -3 dB	+1, -3 dB
FM Mod. & Noise	25kHz 25.5kHz	-52 dB -47 dB	-55 dB -50 dB	-52 dB -47 dB	-52 dB -46 dB
Audio Distortion	700 MHz 800 MHz	1.00 %	1.00 %	1.00 %	1.00 %

BATTERIES FOR APX 5000

Battery Capacity / Type	Dimensions (HxWxD)	Weight	Battery Part Number	Battery Capacity
Li-Ion iMPRES 2 2550mAh	3.4" x 2.3" x 1.5"	5.0 oz	PMNN4485	2550 mAh
Li-Ion iMPRES 2 3400mAh	3.4" x 2.3" x 1.7"	6.5 oz	PMNN4486	3400 mAh
Li-Ion iMPRES 2 4850mAh	5" x 2.3" x 1.7"	11.0 oz	PMNN4487	4850 mAh
Li-Ion iMPRES 2 5100mAh	5" x 2.3" x 1.7"	11.0 oz	PMNN4494	5100 mAh
Li-Ion iMPRES 2 2650mAh	3.4" x 2.3" x 1.7"	6.7 oz	NNTN8930	2650 mAh
Li-Ion iMPRES 2 4500mAh	5" x 2.3" x 1.7"	11.0 oz	NNTN8921	4500 mAh

RADIO MODELS

MODEL 1.5



MODEL 2.5



MODEL 3.5



	MODEL 1.5	MODEL 2.5	MODEL 3.5
Display	Full bitmap monochromatic LCD top display 1 line text x 8 characters 1 line of icons No menu support Multi-color backlight none	Top display plus Full bitmap color LCD display 4 lines of text x 14 characters 2 lines of icons 1 menu line x 2 menus White backlight Backlit keypad 3 soft keys	Top display plus Full bitmap color LCD display 4 lines of text x 14 characters 2 lines of icons 1 menu line x 3 menus White backlight Backlit keypad 3 soft keys
Keypad	none	4 direction Navigation key Home and Data buttons	4 direction Navigation key 4x3 keypad Home and Data buttons
Channel Capacity	96	1000	1000
Flashport Memory	64 MB	64 MB	64 MB
700/800 MHz (763-870 MHz)	H98JCG9PW58N	H98JCG9PW68N	H98UCH9PW78N
VHF (136-174 MHz)	H98KGC9PW58N	H98KGC9PW68N	H98KGH9PW78N
UHF Range 1 (380-470 MHz)	H98QJCG9PW58N	H98QJCG9PW68N	H98QGD9PW78N
UHF Range 2 (450-520 MHz)	H98SJC9PW58N	H98SJC9PW68N	H98SDC9PW78N
Buttons & Switches	Large PTT button • Analog On/Off volume control • Orange emergency button • 16 position top-mounted rotary switch • 2-position concentric switch • Multi-color backlight • 3-position toggle switch • 3 programmable side buttons		

Regulatory Information

	FCC ID	Industry Canada
700/800 (764-869 MHz)	A7489F7086	109L-89F7086
VHF (136-174 MHz)	A7489F7087	109L-89F7087
UHF Range 1 (380-470 MHz)	A7489F7077	109J-89F7077
UHF Range 2 (420-520 MHz)	A7489F7065	109J-89F7065

FCC Emissions Designators

FCC Emissions Designators: 16K0F3E, 16K0F3F, 16K0F3G, 16K0F3H, 16K0F3I, 16K0F3J, 16K0F3K, 16K0F3L, 16K0F3M, 16K0F3N, 16K0F3O, 16K0F3P, 16K0F3Q, 16K0F3R, 16K0F3S, 16K0F3T, 16K0F3U, 16K0F3V, 16K0F3W, 16K0F3X, 16K0F3Y, 16K0F3Z

Power Supply

Power Supply

One rechargeable Li-Ion iMPRES 2 2550mAh battery (standard PMNN4485) with alternate battery options available

Table 1.18

		700/800	VHF	UHF Range 1	UHF Range 2
Frequency Range Bandwidth	700 MHz 800 MHz	763-776 MHz 851-870 MHz	136-174 MHz	380-470 MHz	450-520 MHz
Channel Spacing		25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz
Maximum Frequency Separation		Full Bandwidth	Full Bandwidth	Full Bandwidth	Full Bandwidth
Audio Output Power at Rated		500 mW	500 mW	500 mW	500 mW
Analog Sensitivity	12 dB SINAD	0.275 μ V	0.17 μ V	0.224 μ V	0.203 μ V
Digital Sensitivity	1% BER @800 MHz 5% BER	0.275 μ V 0.14 μ V	0.143 μ V 0.15 μ V	0.296 μ V 0.200 μ V	0.296 μ V 0.264 μ V
Selectivity	25 kHz channel 12.5 kHz channel	-76 dB -70 dB	-78 dB -72 dB	-77 dB -67 dB	-76 dB -67 dB
Intermodulation		-81.1 dB	-81.0 dB	-80.3 dB	-80.7 dB
Spurious Rejection		-78 dB	-78 dB	-80.6 dB	-80.6 dB
FM Hum and Noise	25 kHz 12.5 kHz	-64 dB -78 dB	-64.3 dB 60.1 dB	-62.5 dB 47.5 dB	-62.5 dB -47.3 dB
Audio Distortion at Rated		0.9%	0.9%	0.7%	0.7%



67

TABLE 1 MIL-STD-883C, TABLE 10-1

	MIL-STD 810C		MIL-STD 810D		MIL-STD 810E		MIL-STD 810F		MIL-STD 810G	
	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.
Low Pressure	500.1		500.2		500.3		500.4	II	500.5	II
High Temperature	501.1		501.2	A1, A2	501.3	A1, A2	501.4	Final, Basic, Rot	501.5	A1, A2
Low Temperature	502.1		502.2	C3, C1	502.3	C3, C1	502.4	C3, C1	502.5	C3, C1
Temperature Shock	503.1		503.2	A, C2	503.3	A, C2	503.4		503.5	C
Solar Radiation	505.1	II	505.2		505.3		505.4		505.5	A1
Fair	506.1	II	506.2		506.3		506.4		506.5	III
Fumigants	507.1		507.2	II	507.3		507.4	1 Phos	507.5	Aggravated
Salt Fog	508.1	I	508.2		508.3		508.4	1 Phos	508.5	1 Phos
Blowing Dust	510.1	I	510.2		510.3		510.4		510.5	
Blowing Sand	1 Phos	1 Phos	510.2		510.3		510.4		510.5	
Humidity	511.1		511.2		511.3		511.4		511.5	
Vibration	514.2	V, H, Curve-W	514.3	H, H2	514.4	H, H2	514.5	H24	514.6	H24
Shock	516.2	1, 2, V	516.3	1, 2, V	516.4	1, 2, V	516.5	1, 2, V	516.6	1, 2, V
Shock, Drop	516.2	1	516.3	1	516.4	1	516.5	1	516.6	1



65

DIMENSIONS OF THE RADIOS WITHOUT BATTERY

Length	5.47 in	139 mm
Width Push-To-Talk button	2.39 in	60.7 mm
Depth Push-To-Talk button	1.40 in	35.6 mm
Width Top	2.98 in	75.7 mm
Depth Top	1.58 in	40.1 mm
Depth Bottom of Battery	1.24 in	31.5 mm
Weight of the radios without battery	10.9 oz	309 g

ENCRYPTION

Supported Encryption Algorithms	ADP, 256-bit AES, D1 S, DES-XL, CFS-OFB, JVP-XL
Encryption Algorithm Capacity	8
Encryption Keys per Radio	Module capable of storing 1,024 keys Programmable for 64 Common Key Reference (CKR) or 16 Physical Identifier (PID)
Encryption Frame Fe-sync Interval	P25 CA1 300 mSec
Encryption Keying	Key loader
Synchronization	X - Counter Addressing OFB - Output Feedback
Vector Generator	National Institute of Standards and Technology (NIST) approved random number generator
Encryption Type	Digital
Key Storage	Tamper protected volatile or non-volatile memory
Key Erasure	Keyboard command and tamper detection
Standards	FIPS 140-2 Level 3 FIPS 197

GPS/GPS/GNSS SPECIFICATIONS

Constellations	GPS & GLONASS
Tracking Sensitivity	-64 dBm
Accuracy	±5 meters (95%)
Cold Start	±60 seconds (95%)
Hot Start	±5 seconds (95%)
Mode of Operation	Autonomous (Non-Assisted)

RUGGED SPECIFICATIONS

Leakage (submersion)	MIL-STD-883C, D, F, H and G Method 512 X Procedure 1, IP68 (2 meters, 4 hours)
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HOUSING COLOR

Black (Standard), Public Safety Yellow, and High Impact Green

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-30 C to +60 C
Storage Temperature	-50 C to +85 C
Humidity Per MIL-STD	150 IEC 801-7 KV
Water and Dust Intrusion	IP68 (2 meters, 4 hours)

LAN 8K101D, 8K101E, 8K101W, 11A0F3F, 16K013L, 20K0F1E
Bluetooth 652NF1D, 1M1711D, 1M1911D, 1M3411D
WLAN/WiFi 3N7G1D, 17M0D1D, 18M111D

Frequency Range/Bands/Ch
Bluetooth 2400 - 2480 MHz WLAN/WiFi 2400 - 2483.5 MHz

WLAN/WiFi 802.11n/g/n supports WPA-2, WPA, WEP security protocols. Data can be encrypted with up to 256-bit keys.

Microsoft Windows Bluetooth 2.1 uses 256-bit encryption for pairing & 128-bit encryption for voice and file transfer data. The radio BT supports up to 8 data connections and 1 audio connection. Bluetooth 4.0 Low Energy uses 128-bit AES-CCM encryption.



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PRODUCT DATA SHEET APX 6000 SINGLE-BAND PORTABLE RADIO

68

Chief Patrick Jones

From: Todd Postler <tpostler@cybercomminc.com>
Sent: Wednesday, April 14, 2021 2:22 PM
To: Chief Patrick Jones
Cc: Pat Rush
Subject: Quote for APX4500 and XPR5550e mobiles - Tiverton PD
Attachments: QUOTE-1452885-1 Tiverton PD APX4500.pdf; Tiverton PD - XPR5550e UHF R2 4-14-21.pdf; XPR5000e_DataSheet.pdf

Hi Chief.

Enclosed please find (2) separate quotes for (3) mobile radios each.

1. Motorola APX4500 800MHz for PD primary RISCON network.
2. Motorola XPR5550e UHF R2 for PD backup system.

You may notice the quotes look differently. The APX4500s are quoted from the Motorola system. The XPR5550e's do not have RI MPA395 Contract pricing. So, we quoted them on Cyber Comm paper with discount.

I attached data specifications sheets for both mobiles.

Motorola does have a Multi-Band mobile that can do both 800MHz and UHF in one radio. However the cost of doing separate mobiles is much less expensive.

We can quote installation separately.

If you need an Authorization Letter, let me know and I can set you up with them.

Please feel free to reach out to me by email or cell 860-608-0745 for any questions or to review the quotes.

Have a great day.

Todd C. Postler
Cyber Communications
Office 401-738-1470 / Mobile 860-608-0745

From: Chief Patrick Jones <pjones@tivertonpoliceri.com>
Sent: Wednesday, April 14, 2021 1:12 PM
To: Todd Postler <tpostler@cybercomminc.com>
Subject: RE: More batteries

Hi Todd,

Patrick W. Jones
Chief of Police
Tiverton Police Department

20 Industrial Way
Tiverton, RI 02878
(401) 624-6454
Fax: (401) 816-5551

tpostler@cybercomminc.com
www.tivertonpolicerri.com



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From: Todd Postler <tpostler@cybercomminc.com>
Sent: Wednesday, April 14, 2021 1:10 PM
To: Chief Patrick Jones <pjones@tivertonpolicerri.com>
Cc: Pat Rush <prush@cybercomminc.com>
Subject: RE: More batteries

Hi Chief.

Thanks for the update on the batteries. No worries.

Regarding mobiles. We have quoted the Motorola APX4500 mobile for the main 800MHz system, in the past. This is the right mobile for you.

Additionally, we quoted a Motorola XPR5500 mobile for the UHF radio system.

I will update both for you. I will attempt to get them to you this afternoon.

Call with any questions should you need 860-608-0745.

Todd C. Postler
Cyber Communications
Office 401-738-1470 / Mobile 860-608-0745
www.cybercomminc.com

From: Chief Patrick Jones <pjones@tivertonpolicerri.com>
Sent: Wednesday, April 14, 2021 11:41 AM
To: Todd Postler <tpostler@cybercomminc.com>
Subject: Re: More batteries

Good Morning Todd,

I hope you well. I have not processed the battery invoice. I plan on doing so this week. I am interested in a quote for mobile radio for three new police vehicles. Can you give me an idea of price and your recommendations as to specifications?

Thank you,

Patrick W. Jones
Chief of Police
Tiverton Police Department
20 Industrial Way
Tiverton, RI 02878
(401) 624-6454
Fax: (401) 816-5551
pjones@tivertonpoliceri.com
www.tivertonpoliceri.com



MOTOROLA SOLUTIONS

QUOTE 1482PPE
TIVERTON POLICE DEPT APX4500

Billing Address:
TIVERTON POLICE DEPT
20 INDUSTRIAL WAY
TIVERTON, RI 02878
US

Shipping Address:
TIVERTON POLICE DEPT
20 INDUSTRIAL WAY
TIVERTON, RI 02878
US

Quote Date:04/14/2021
Expiration Date:07/01/2021
Quote Created By:
Todd Postler
tpostler@cybercomminc.com

End Customer:
TIVERTON POLICE DEPT
Chief Patrick Jones
pjones@tivertonpoliceri.com
401-625-6717

Contract: 19860 - NASPO
Payment Terms:30 NET

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
		APX™ 4500 Enhanced				
1	M22URS9PW1BN	APX4500 ENHANCED 7/800 MHZ MOBILE	3	\$1,714.00	\$1,251.22	\$3,753.66
1a	G628AD	INT: REMOTE MOUNT CABLE 17 FT APX	3	\$0.00	\$0.00	\$0.00
1b	G24AX	ENH: 3 YEAR ESSENTIAL SVC	3	\$137.55	\$137.55	\$412.65
1c	G67DQ	ADD: REMOTE MOUNT O2 APXM	3	\$297.00	\$216.81	\$650.43
1d	QA02756AD	ADD: 3600 OR 9600 TRUNKING BAUD SINGLE SYSTEM	3	\$1,570.00	\$1,146.10	\$3,438.30
1e	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	3	\$0.00	\$0.00	\$0.00
1f	B18CR	ADD: AUXILIARY SPKR 7.5 WATT APX	3	\$60.00	\$43.80	\$131.40
1g	GA00804AA	ADD: APX O2 CH (GREY)	3	\$492.00	\$359.16	\$1,077.48
1h	G444AH	ADD: APX CONTROL HEAD SOFTWARE	3	\$0.00	\$0.00	\$0.00
1i	W22BA	ADD: STD PALM MICROPHONE APX	3	\$72.00	\$52.56	\$157.68



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement"); that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

Motorola Solutions, Inc. 500 West Monroe, United States - 60661 - # 36-1115800

73



MOTOROLA SOLUTIONS

QUOTE # 1482485
DATE QUOTED 01/20/14

Line #	Item Number	Description	Qty	Unit Price	Sale Price	Ext. Sale Price
1j	W969BG	ADD: MULTIKEY OPERATION	3	\$330.00	\$240.90	\$722.70
1k	G193AK	ADD: ADP ONLY (NON-P25 CAP COMPLIANT) (US ONLY)	3	\$0.00	\$0.00	\$0.00
1l	G174AD	ADD: ANT 3DB LOW-PROFILE 762-870	3	\$43.00	\$31.39	\$94.17

Grand Total

\$10,438.47(USD)

Notes:

- PRICES QUOTED ARE FROM THE STATE OF RHODE ISLAND MPA #395 AS PART OF THE NASPO VALUEPOINT EQUIPMENT CONTRACT



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement"); that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

Motorola Solutions, Inc., 500 West Monroe, United States - 60661 - # 36-1115800

23



TIVERTON POLICE DEPT

Tiverton PD APX4500

04/14/2021

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98



MOTOROLA SOLUTIONS

QUOTE-140004

04/14/2021

TIVERTON POLICE DEPT
20 INDUSTRIAL WAY
TIVERTON, RI 02878

RE: Motorola Quote for Tiverton PD APX4500
Dear Chief Patrick Jones,

Motorola Solutions is pleased to present TIVERTON POLICE DEPT with this quote for quality communications equipment and services. The development of this quote provided us the opportunity to evaluate your requirements and propose a solution to best fulfill your communications needs.

This information is provided to assist you in your evaluation process. Our goal is to provide TIVERTON POLICE DEPT with the best products and services available in the communications industry. Please direct any questions to Todd Postler at tpostler@cybercomminc.com.

We thank you for the opportunity to provide you with premier communications and look forward to your review and feedback regarding this quote.

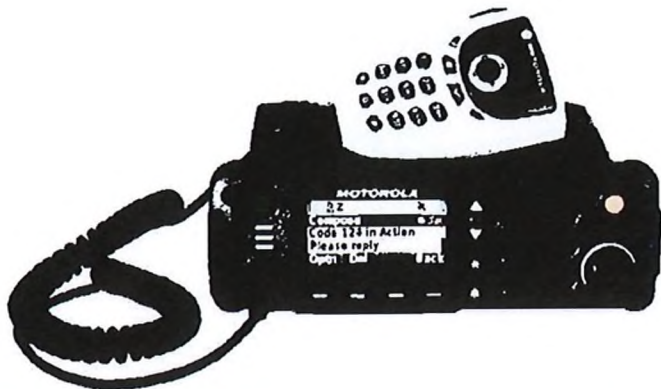
Sincerely,

Todd Postler

Motorola Solutions Manufacturer's Representative

75

Purchase Order Checklist
Marked as PO/ Contract/ Notice to Proceed on Company Letterhead <i>(PO will not be processed without this)</i>
PO Number/ Contract Number
PO Date
Vendor = Motorola Solutions, Inc.
Payment (Billing) Terms/ State Contract Number
Bill-To Name on PO must be equal to the Legal Bill-To Name
Bill-To Address
Ship-To Address (If we are shipping to a MR location, it must be documented on PO)
Ultimate Address (If the Ship-To address is the MR location then the Ultimate Destination address must be documented on PO)
PO Amount must be equal to or greater than Order Total
Non-Editable Format (Word/ Excel templates cannot be accepted)
Bill To Contact Name & Phone # and EMAIL for customer accounts payable dept
Ship To Contact Name & Phone #
Tax Exemption Status
Signatures (As required)



BE BETTER EQUIPPED TO BE MISSION READY

APX™ 4500 PROJECT 25 MOBILE RADIO

A downed power line or the city transit system coming to a halt during rush hour, when the unexpected strikes, you must interoperate seamlessly and securely with other agencies and responders – often across multiple Project 25 (P25) systems. You need to instantly connect and be informed to make better decisions and respond effectively. While the advanced technology of APX™ radios expertly equips you for the unexpected, your organization may be challenged to improve operating expenses.

That's where the APX 4500 P25 mobile radio fits the bill perfectly. It delivers all the benefits of TDMA technology in a compact P25 capable mobile. The APX 4500 brings together powerful technology in an easy-to-use radio that's easy on your budget. It seamlessly unifies public works, utility, rural public safety and transportation users to first responders so they can communicate effectively in the moments that matter.

CONVENIENTLY SMALL, EASY TO INSTALL

The APX 4500 is designed to get the job done without getting in the way. A simplified cash mount design makes installation quick and easy, fitting into the existing XTL™ footprint so you can reuse mounting holes and cables.

Count on the APX 4500 to withstand wet, dusty and hazardous conditions, too. Its IP56 durability rating is the highest level of certification for uncompromising durability and world class quality in a mobile performer you can hose down.

KEEPS CREWS IN TOUCH, AND UP TO THE MINUTE

Safety runs in the APX family and the APX 4500 mobile is no exception. Like all our APX P25 radios trusted by responders worldwide, the APX 4500 mobile redefines safety. Your crews can count on quick, seamless interoperability and extended range – whether they are talking from the top of a pole or the bottom of a trench. You can depend on 256-bit AES encryption for secure, tamper-proof voice and data communications every time they connect.

With integrated GPS in the APX 4500, you can keep an eye on workers and assets you can't see, tracking their locations continuously. The O2 control head with color display is easy to read and operate in all lighting conditions, from bright sunlight to dark streets. The intelligent lighting on the O2 control head notifies your workers when a call is received, an emergency arises or when they are out of range. Plus, an enlarged multifunction knob makes it easy to use talk group and volume settings when they're wearing gloves.

Over-the-air programming on the APX 4500 keeps your crews current in the field. You can update the latest mobile without interrupting voice communications while they work.

SIZED RIGHT FOR YOUR BUDGET

The APX 4500 lets you reuse many accessories which utilize the O5 and O3 control heads on XTL™ radios, so you can maximize your investment while you benefit from the latest technology. Since the APX 4500 is P25 Phase 2 capable for twice the voice capacity, you can add more users without adding more frequencies or infrastructure. It is backwards and forwards compatible with all Motorola mission critical radio systems, so you can interoperate with confidence while you improve operating expenses.



APX 4500 MOBILE RADIO

FEATURES AND BENEFITS

Available in 700/800 MHz, VHF, UHF1, UHF2, and 900 MHz
 Supports NACS band (901-902 MHz and 940-941 MHz)

Channels: Standard 512

Trunking Standards supported:

- Clear channel encrypted Trunked Operation
- Capable of SmartZone™, SmartZone Omni-link, SmartNet

Analog MDC-1200 and Digital APCO P25
 Conventional System Configurations

Narrow and wide bandwidth digital receiver
 (6.25/12.5/25/30 kHz)

Embedded digital signaling (ASTRO and ASTRO 25)

Integrated Encryption Hardware

Integrated GPS/GLOVASS for outdoor location tracking

Intelligent Lighting

Radio profiles

Unlimited Call List

Meets applicable MIL-STD 8100 C, E, F, G

Ships standard P56

Customer Programming Software (CPS) supported on
 Windows XP, Vista, 7 and 8

Android™ (Motorola Droid™) and iOS™ available

- Supports USB Communications
- Built-in FLASHport™ support

Re-use of most XT™ accessories, plus new
 MPRES accessories

OPTIONAL FEATURES

256-bit AES Encryption

Programming over Project 25 (POP25)

Text Messaging

12 character RFID asset tracking

Tactical OTAR

APX 4500 CONTROL HEAD



02 RUGGED CONTROL HEAD

- Large color display with intelligent lighting
- 3 lines of text 14 characters max / 1 line of icons / 1 line of menus
- Built-in 7.5 W speaker
- Multifunction volume/channel knob
- Night/day mode button

TRANSMITTER - TYPICAL PERFORMANCE SPECIFICATIONS

	700 MHz	800 MHz	VHF	UHF Range 1	UHF Range 2	900 MHz
Frequency Range Bandwidth	764-776 MHz 12.4 kHz	855-870 MHz 15.4 kHz	136-174 MHz	39-441 MHz	454-507 MHz	888-902 MHz 14.4 kHz
Channel Spacing	25.125 kHz	25.125 kHz	30, 25, 12.5 kHz	25.125 kHz	25.125 kHz	12.5 kHz
Maximum Frequency Separation	F.U. Bandwidth	F.U. Bandwidth	F.U. Bandwidth	F.U. Bandwidth	F.U. Bandwidth	F.U. Bandwidth
Rated RF Output Power (Antenna Loss)	10.36 W	10.36 W	10.50 W	10.4 W	10.45 W 10.4 W 10.25 W	10.36 W 10.36 W 10.3 W
Frequency Stability (±50°C to ±60°C, ±25°C Rate)	±0.4 PPM	±0.4 PPM	±0.4 PPM	±0.4 PPM	±0.4 PPM	±0.4 PPM
Modulation Limiting	±5 ±2.5 kHz	±5 ±4 NPSFAC ±2.5 kHz	±5 ±2.5 kHz	±5 ±2.5 kHz	±5 ±2.5 kHz	±2.5 kHz
Modulation Fidelity (CFM) 12.5 kHz Digital Channels	15%	15%	15%	15%	15%	15%
Efficiency	Unloaded -35 to -85 dBm	Unloaded -35 to -85 dBm	Unloaded -35 to -85 dBm	Unloaded -35 to -85 dBm	Unloaded -35 to -85 dBm	Unloaded -35 to -85 dBm
Audio Response	41 ±3 dB EIA	41 ±3 dB EIA	41 ±3 dB EIA	41 ±3 dB EIA	41 ±3 dB EIA	41 ±3 dB EIA
MTBF & Noise 25 & 27 kHz 12.5 kHz	-50 dB -48 dB	-50 dB -48 dB	-52 dB -50 dB	-53 dB -50 dB	-53 dB -50 dB	-55 dB
Audio Distortion 25 & 27 kHz 12.5 kHz	0.50% 0.50%	0.50% 0.50%	0.50% 0.50%	0.50% 0.50%	0.50% 0.50%	0.60%

RECEIVER - TYPICAL PERFORMANCE SPECIFICATIONS

	700 MHz	800 MHz	VHF	UHF Range 1	UHF Range 2	900 MHz
Frequency Range Bandwidth	764-776 MHz	855-870 MHz	136-174 MHz	39-441 MHz	454-507 MHz	888-902 MHz
Channel Spacing	25.125 kHz	25.125 kHz	30, 25, 12.5 kHz	25.125 kHz	25.125 kHz	12.5 kHz
Maximum Frequency Separation	F.U. Bandwidth	F.U. Bandwidth	F.U. Bandwidth	F.U. Bandwidth	F.U. Bandwidth	F.U. Bandwidth
Audio Output Power At Antenna Port @ 20 Ohm Speaker	7.5-15 W	7.5-15 W	7.5-15 W	7.5-15 W	7.5-15 W	7.5-15 W
Frequency Stability (±30°C to ±60°C, ±25°C Rate)	±0.4 PPM	±0.4 PPM	±0.4 PPM	±0.4 PPM	±0.4 PPM	±0.4 PPM
Antilog Selectivity	12.4 dB NAD -121 dBm 0.199 μV	-121 dBm 0.199 μV	12.4 dB Standard -121 dBm 0.199 μV	12.4 dB Standard -121 dBm 0.199 μV	12.4 dB Standard -121 dBm 0.199 μV	12.4 dB Standard -121 dBm 0.199 μV
Digital Selectivity	12.4 dB 0.199 μV	-121.5 dBm 0.215 μV	-123 dBm 0.234 μV	-123 dBm 0.234 μV	-123 dBm 0.234 μV	-123 dBm 0.234 μV
Intermodulation	25 kHz 12.5 kHz	40 dB 42 dB	40 dB 42 dB	40 dB 42 dB	40 dB 42 dB	40 dB 42 dB
Spurious Rejection	91 dB	91 dB	95 dB	93 dB	93 dB	91 dB
Audio Distortion at Antenna	2%	2%	2%	2%	2%	2%
Selectivity	25 kHz 12.5 kHz 30 kHz	45 dB 45 dB	45 dB 45 dB	45 dB 45 dB	45 dB 45 dB	45 dB

DIMENSIONS

	Inches	Millimeters
Mid Power Radio (Antenna)	2.4 x 4.84	61.2 x 124.15
OO Control Head	2.1 x 4.1 x 1.7	53.3 x 104.1 x 43.2
Mid Power Radio (Antenna) w/ OO Control Head + Base Mount	2.4 x 4.1 x 4.4	61.2 x 104.1 x 111.8
Mid Power Radio (Antenna) w/ OO Control Head + Weight	5.2 x 2.4	132.7 x 61.2

SIGNALING (ASTRO MODE)

Signaling Rate	88 kbps
Digital ID Capabilities	10,000 DTMF Characters (48,000 Tones)
Digital Network Access Codes	4,096 network site addresses
ASTRO Digital User Group Addresses	4,096 network site addresses
Priority 25 CA Digital User Group Addresses	65,536 Channel Users (4,096 Tones)
Emergency Text Messages	60 or 80+ Reed-Solomon codes
Data Access Control	Softkey GSM 12.5 kbps (12.5 kbps) and 12.5 kbps (12.5 kbps) embedded in the voice channel frame

RADIO MODELS

700 MHz / 800 MHz	MD2RS9W1AAN
UHF / 800 MHz	MD2KS9W1AAN
UHF Range 1 / 454-480 MHz	MD2GS9W1AAN
UHF Range 2 / 454-480 MHz	MD2SS9W1AAN

GPS SPECIFICATIONS

Channels	12
Tracking Sensitivity	-153 dBm
Acquisition	10 meters, 65 Hz
Hot Start	< 100 milliseconds, 65 Hz
Warm Start	10 milliseconds, 65 Hz
Maximum Output	4.0 Watts (1.5 Watts) (Max)

79

POWER AND BATTERY DRAIN

Mode Type	136-174 MHz, 340-470 MHz, 460-600 MHz, 784-810 MHz, 800-940 MHz												
Maximum RF Power Output	2.00 W, 784-810 MHz; 2.00 W, 784-810 MHz; 2.00 W, 460-600 MHz; 2.00 W, 800-940 MHz; 1.50 W, 136-174 MHz; 1.41 W, 340-470 MHz; 1.45 W, 460-600 MHz; 1.40 W, 440-470 MHz; 1.45 W, 460-600 MHz; 1.40 W, 800-940 MHz; 1.3 W, 800-940 MHz; 1.30 W, 800-940 MHz; 1.3 W, 800-940 MHz												
Operation	13.8V DC VCC - Negative Ground												
Standby at 13.8V	1.65A, 784-810 MHz; 1.65A, 136-174 MHz; 1.65A, 340-470 MHz; 1.65A, 460-600 MHz												
Receive Current at Rated Audio at 13.8V	1.2A, 784-810 MHz; 1.2A, 136-174 MHz; 1.2A, 340-470 MHz; 1.2A, 460-600 MHz												
Transmit Current at Rated Power	<table border="1"> <tr> <td>136-174 MHz, 1.50 W</td> <td>1.94 A @ 13.8V</td> <td>784-810 MHz, 2.00 W</td> <td>1.94 A @ 13.8V</td> </tr> <tr> <td>340-470 MHz, 1.41 W</td> <td>1.94 A @ 13.8V</td> <td>460-600 MHz, 2.00 W</td> <td>1.94 A @ 13.8V</td> </tr> <tr> <td>800-940 MHz, 1.40 W</td> <td>1.94 A @ 13.8V</td> <td>800-940 MHz, 1.30 W</td> <td>1.94 A @ 13.8V</td> </tr> </table>	136-174 MHz, 1.50 W	1.94 A @ 13.8V	784-810 MHz, 2.00 W	1.94 A @ 13.8V	340-470 MHz, 1.41 W	1.94 A @ 13.8V	460-600 MHz, 2.00 W	1.94 A @ 13.8V	800-940 MHz, 1.40 W	1.94 A @ 13.8V	800-940 MHz, 1.30 W	1.94 A @ 13.8V
136-174 MHz, 1.50 W	1.94 A @ 13.8V	784-810 MHz, 2.00 W	1.94 A @ 13.8V										
340-470 MHz, 1.41 W	1.94 A @ 13.8V	460-600 MHz, 2.00 W	1.94 A @ 13.8V										
800-940 MHz, 1.40 W	1.94 A @ 13.8V	800-940 MHz, 1.30 W	1.94 A @ 13.8V										

MOBILE MILITARY STANDARDS 810 C, D, E, F, G

	MIL-STD 810C		MIL-STD 810D		MIL-STD 810E		MIL-STD 810F		MIL-STD 810G	
	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.
Low Pressure	502.1	-	502.1	-	502.1	1	502.1	1	502.5	II
High Temperature Storage	502.1	-	502.1	4	502.3	4	502.1	4H	502.5	I, 4F
High Temperature Operation	502.1	II	502.1	4, 4F	502.3	1, 4F	502.1	1, 4H	502.5	II
Low Temperature Storage	502.1	I	502.1	1, 2F	502.3	2F	502.1	2F	502.5	I, C3
Low Temperature Operation	502.1	II	502.1	2F	502.3	1, 2F	502.1	1, 2F	502.5	II
Temperature Shock	503.1	-	503.1	4, 4F, 5B	503.1	4, 4F, 5B	503.1	1, 4, 4F, 5B	503.5	I, 6
Solar Radiation	505.1	I	505.1	-	505.1	-	505.1	I	505.5	I, 4F
Rain, Dripping	506.1	I	506.1	-	506.3	I	506.1	-	506.5	-
Rain, Steady	506.1	I	506.1	I	506.3	II	506.1	II	506.5	II
Humidity	507.1	I	507.1	-	507.3	I	507.1	-	507.5	I, Aggravated
Salt Fog	508.1	-	508.1	-	508.3	-	508.1	-	508.5	I, 4F
Blowing Dust	510.1	I	510.1	-	510.1	-	510.1	-	510.5	-
Blowing Sand	-	-	510.1	I	510.1	-	510.1	II	510.5	I
Vibration, MIL-Integrity	514.2	VII, F, Curves W	514.3	1, 1D	514.4	1, 1F	514.5	1, 2F	514.6	I, Cat 24
Vibration, Case Cards	514.2	V	514.1	1	514.1	1, 2	514.1	1, 5	514.2	-
Shock, Functional	519.1	I	519.1	-	519.1	-	519.5	-	519.5	I, V, VI

ENCRYPTION

Supported Encryption Algorithms	256-bit AES and ADF
Encryption Algorithm Capacity	Single
Encryption Key Size/Period	Mobile capable of storing 1024 keys. Pre-programmed with 640 keys. Key Reference: OTR-116 Physical Layer, P.24
Encryption Frame Resync Interval	125 CA, 300 in Sec
Encryption Keying	Key Label
Synchronization	X.25, Quartz, Addressing, QPSK, Output Feedback
Vector Generator	National Institute of Standards and Technology (NIST) approved random number generator
Encryption Type	Digital
Key Storage	Temporarily stored in volatile RAM memory
Key Erase	NAVDATA system (no manual delete)
Standards	FIPS 140-2, Level 1 FIPS 197

- * Measure of the analog modulation is AEA-400, 4000, 10000, 20000
 - ** Accuracy provided for Modulation Coding Rate (MCR) values. Error rate will vary with the Modulation Coding Rate (MCR) and the number of bits per frame.
 - † See the user performance for the GMSK/GMSK-SS cases.
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ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-30°C to 60°C
Storage Temperature	-40°C to 85°C
Humidity	5% to 95% RH
ESD	±10,000 V
Additional Environmental	MIL-STD

TRANSMITTER CERTIFICATION

FCC Part 22.4.1.1.1, 784-810 MHz	AZ40217055
FCC Part 22.4.1.1.1, 800-940 MHz	AZ40217026
FCC Part 22.4.1.1.1, 136-174 MHz	AZ40217016
FCC Part 22.4.1.1.1, 460-600 MHz	AZ40217016
FCC Part 22.4.1.1.1, 800-940 MHz	AZ40217065

FCC EMISSIONS DESIGNATORS

FCC Emission Designator	AE10P1D, AE10P1E, PK10P1W, 11K10F0E, 16K10F0E, 21K10P1W, 16K10F0E, 21K10F0E, 16K10F0E
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C

Town Administrator

From: Richard Rogers <dpw@tiverton.ri.gov> on behalf of Richard Rogers
Sent: Monday, January 17, 2022 5:47 AM
To: Chris Cotta
Cc: dpwclerk@tiverton.ri.gov
Subject: FW: FY23 - DPW Capital - Requested items
Attachments: FY23 DPW Proposed Capital Requests.pdf; FY23 - #0980 Cap Imprvmt - Used Truck plus conversion.pdf; FY23 - #0980 Cap Imprvmt - Four Way Plows.pdf; FY23 - #0980 - Cap Imprvmt - Town Hall Repairs.pdf; FY23 - #0980 Cap Imprvmt - Paving.pdf; FY23 - #0980 - Cap Imprvmt - Fogland - Bayview Playgrounds.pdf; FY23 - #0980 Cap Imprvmt - Trailer.pdf; FY23 - #0980 Cap Imprvmt - skidsteer & attachments.pdf; FY23 - #0980 Cap Imprvmt - 18,000 two post vehicle lift.pdf; FY23 - #0980 Cap Imprvmt - Stormwater - Drainage infrast.pdf; FY23 - #0980 Cap Imprvmt - Riverside Drive Riprap seawall repair.pdf; FY23 DPW Proposed Capital Requests - REV 1-17-22.pdf; FY23 - #0980 Cap Imprvmt - Road Mower Side Arm.pdf

Chris
1-17-22

Re: FY 2023
DPW Capital Requests

REVISION of 1-10-22 Submittal

- Please see attached **REVISED** DPW Capital Request list
- There is an additional item, it is the side arm mower for the road side mower
- We discussed this item awhile ago as a Repair item
- To be on the safe side, I have added this item to DPW's FY23 Capital Requests
- The list now has 11 items considering the various areas under DPW purview

Listed by preference/priority

- There are many other needs, but it is recognized that there are also many other Town needs and there are limited available potential funds
- Attached are backup sheets for the 11 items

Thanks
Rick

From: Richard Rogers [mailto:dpw@tiverton.ri.gov]
Sent: Monday, January 10, 2022 11:15 PM
To: Chris Cotta (administrator@tiverton.ri.gov) <administrator@tiverton.ri.gov>
Cc: 'Sue Richardson' <dpwclerk@tiverton.ri.gov>
Subject: FY23 - DPW Capital - Requested items

Chris
1-10-22

Re: FY 2023
DPW Capital Requests

- As requested, please see attached DPW Capital Request list
 - This lists 10 items considering the various areas under DPW purview
 - Listed by preference/priority
- There are many other needs, but it is recognized that there are also many other Town needs and there are limited available potential funds
- This is a starting point
- Also attached are backup sheets for the 10 items

Thanks
Rick

(2)

Town of Tiverton
Department of Public Works
50 Industrial Way Tiverton, RI 02878
401-625-6760
dpw@tiverton.ri.gov

Chris Cotta
Town Administrator

Re: FY23
DPW Proposed Capital Budget Requests

January 10, 2021

Please see the below list of DPW Proposed Capital Requests. As requested, these items were not submitted as part of the DPW FY23 Proposed Budget Operational Account Line Items.

This is a list of ten (10) needs considering the various areas under DPW purview. They are listed in DPW's order of priority/preference. There are backup sheets for each item.

MOWER Side ARM

1. DPW Used Plow/Sanding Truck with 4 way plow and sanding body
2. DPW Three (3) new 4 way plows (for existing 1990's plow/sanding trucks)
3. Town Hall Repairs
4. Town wide Paving
5. Recreational Areas – Fogland & Bayview playgrounds
6. DPW 25 ton tag-a-long or similar trailer
7. DPW skidsteer with some attachments
8. DPW 18,000 lb. two post vehicle lift or similar
9. Town wide Stormwater – Drainage Infrastructure
10. Town Infrastructure Riverside Drive seawall repairs

There are many other needs not listed above, however it is recognized that there are limited potential available funds and this gives a starting point.

Thank you for your attention to this matter.

DPW

by Rick Rogers - Director

Town of Tiverton
FY23
Municipal Capital (Restricted) - Capital Improvement
Line Item Back Up Form

Department account #/name: Public Works

Line item account #/name: #0980 Road Mower Side Arm

Requested amount: 40,000

Budget Notes:

1. Short description of the line item if not intuitive from the line item title.
Purchase and install side mowing arm on DPW existing roadside mower.
2. Brief justification for funding request and increase/decrease, if applicable.
The proposed mowing arm is a straight mowing arm. It will not have the ability to perform as many duties as the existing mower arm which is a knuckle boom. However it is estimated to cost ~ \$40,000 for a new straight arm, whereas the estimate to repair the existing knuckle arm is ~ \$79,000.
3. Further defining detail (may be included as attachment).¹
4. Other information to explain/support request, if necessary.

-
1. For example:
 - o breakout of salary accounts to show all positions covered by the line item, and number of employees per position if more than one;
 - o calculations that show how the funding request was derived, e.g., average gallons of fuel per year at \$x.xx per gallon;

Note: identify employees by position, not name.

(4)

Town of Tiverton
FY23
Municipal Capital (Restricted) - Capital Improvement
Line Item Back Up Form

Department account #/name: Public Works

Line item account #/name: #0980 Used Truck plus conversion to plow/sanding truck

Requested amount: \$105,000

Budget Notes:

1. Short description of the line item if not intuitive from the line item title.
Purchase used truck, perform repairs & upgrades as needed, convert to plow/sanding truck including purchase and installation of four way plow and sanding body.
2. Brief justification for funding request and increase/decrease, if applicable.
Allow the DPW to have a plow truck to supplement existing fleet or replace an existing 1990's plow truck. Currently, pending a repair of an existing out of commission plow/sanding truck, DPW has no backup plow/sanding truck.
3. Further defining detail (may be included as attachment).¹

4. Other information to explain/support request, if necessary.

1. For example:

- o breakout of salary accounts to show all positions covered by the line item, and number of employees per position if more than one;
- o calculations that show how the funding request was derived, e.g., average gallons of fuel per year at \$x.xx per gallon;

Note: identify employees by position, not name.

5

Town of Tiverton
FY23
Municipal Capital (Restricted) - Capital Improvement
Line Item Back Up Form

Department account #/name: Public Works

Line item account #/name: #0980 Four Way Plows

Requested amount: \$66,000

Budget Notes:

1. Short description of the line item if not intuitive from the line item title.
Purchase and install 3 each four ways plows for 1990's plow/sanding trucks.
2. Brief justification for funding request and increase/decrease, if applicable.
Allow DPW to upgrade 3 existing 1990's plow/sanding trucks from fixed position plows to four way plows.
3. Further defining detail (may be included as attachment).¹

4. Other information to explain/support request, if necessary.

1. For example:

- o breakout of salary accounts to show all positions covered by the line item, and number of employees per position if more than one;
- o calculations that show how the funding request was derived, e.g., average gallons of fuel per year at \$x.xx per gallon;

Note: identify employees by position, not name.

Town of Tiverton
FY23
Capital Improvement Equipment Replacement Plan
Line Item Back Up Form

Department account #/name: Public Works – Equipment Replacement

Line item account #/name: #0980 25 Ton tag-a-long trailer or similar

Requested amount: \$25,000

Budget Notes:

1. Short description of the line item if not intuitive from the line item title.
Purchase a 25 ton tag-a-long trailer or similar

2. Brief justification for funding request and increase/decrease, if applicable.
The DPW 1953 goose neck trailer became unsafe and was approved for disposal as surplus equipment. DPW is in need of a trailer to transport equipment and material.

3. Further defining detail (may be included as attachment).¹

4. Other information to explain/support request, if necessary.

-
1. For example:
 - o breakout of salary accounts to show all positions covered by the line item, and number of employees per position if more than one;
 - o calculations that show how the funding request was derived, e.g., average gallons of fuel per year at \$x.xx per gallon;

Note: identify employees by position, not name.

/

Town of Tiverton
FY23
Capital Improvement Equipment Replacement Plan
Line Item Back Up Form

Department account #/name: Public Works – Equipment Replacement

Line item account #/name: #0980 Bobcat (Skidsteer), attachments

Requested amount: \$95,000

Budget Notes:

1. Short description of the line item if not intuitive from the line item title.
Purchase a skidsteer and some attachments
2. Brief justification for funding request and increase/decrease, if applicable.
A skidsteer with attachments would allow DPW to more efficiently perform work. For example, perform additional drainage work, clear snow from sidewalks, clean sidewalks, perform additional pavement work, clear brush, etc.

3. Further defining detail (may be included as attachment).¹

It is anticipated that additional attachments would be requested in future fiscal years

4. Other information to explain/support request, if necessary.

1. For example:

- breakout of salary accounts to show all positions covered by the line item, and number of employees per position if more than one;
- calculations that show how the funding request was derived, e.g., average gallons of fuel per year at \$x.xx per gallon;

Note: identify employees by position, not name.

**Town of Tiverton
FY23
Municipal Capital (Restricted) - Capital Improvement
Line Item Back Up Form**

Department account #/name: Public Works

Line item account #/name: #0980 Stormwater/Drainage Infrastructure – non-road

Requested amount: \$25,000

Budget Notes:

1. Short description of the line item if not intuitive from the line item title.
Provide equipment and technology to locate and track the Town's existing and any new stormwater outfalls and drainage. Also to provide resources to clear and/or clean these drainage structures.
2. Brief justification for funding request and increase/decrease, if applicable.
To allow the Town to get ahead of what DPW anticipates will be a DEM requirement that all municipalities locate and track these resources. This opinion is based on DEM indicating that this will be part of their amended Stormwater regulations in the near future.
3. Further defining detail (may be included as attachment).¹

4. Other information to explain/support request, if necessary.

-
1. For example:
 - o breakout of salary accounts to show all positions covered by the line item, and number of employees per position if more than one;
 - o calculations that show how the funding request was derived, e.g., average gallons of fuel per year at \$x.xx per gallon;

Note: identify employees by position, not name.

(9)

Town of Tiverton
FY23
Capital Improvement Equipment Replacement Plan
Line Item Back Up Form

Department account #/name: Public Works – Equipment Replacement

Line item account #/name: #0980 Riverside Riprap seawall repair

Requested amount: \$475,000

Budget Notes:

1. Short description of the line item if not intuitive from the line item title.
Repair approx. half of the 1,900 feet (ie. ~ 950 feet) of the Riverside Drive riprap seawall. The 1,900 feet is the approx. distance from the south side of the Boathouse property to approx. 500 ft south of the Poplar Drive intersection.
2. Brief justification for funding request and increase/decrease, if applicable.
Repair the seawall that protects Riverside Drive. It is critical for various reasons, among them to preserve an existing ROW and the fact that it is more economical and far easier to obtain a regulatory permit to repair than to build a road.
3. Further defining detail (may be included as attachment).¹
4. Other information to explain/support request, if necessary.

-
1. For example:
 - o breakout of salary accounts to show all positions covered by the line item, and number of employees per position if more than one;
 - o calculations that show how the funding request was derived, e.g., average gallons of fuel per year at \$x.xx per gallon;

Note: identify employees by position, not name.





**Town of Tiverton
FY23
Municipal Capital (Restricted) - Capital Improvement
Line Item Back Up Form**

Department account #/name: Public Works

Line item account #/name: # 0980 Town Hall Repairs

Requested amount: \$36,500

Budget Notes:

1. Short description of the line item if not intuitive from the line item title.

Town Hall Exterior Work

- Re-shingle east wall and replace trim.
 - o Est = \$14,000
- Re-shingle south wall - east end and adjacent wall to west.
 - o Est = \$7,000.
- Replace bow window - south wall east end.
 - o Est = \$4,500 If done at time of shingling
- Repair vinyl soffit - south side, west end.
 - o Est = \$1,000
 - o (Includes manlift rental) (DPW may be able to do under #1040-7840 Town Hall Building Maintenance).
- Rebuild brick walkway and asphalt patch at main entry
 - o Est = \$10,000

2. Brief justification for funding request and increase/decrease, if applicable.

Perform needed repairs to maintain Town Hall

3. Further defining detail (may be included as attachment).¹

4. Other information to explain/support request, if necessary.

1. For example:

- o breakout of salary accounts to show all positions covered by the line item, and number of employees per position if more than one;
- o calculations that show how the funding request was derived, e.g., average gallons of fuel per year at \$x.xx per gallon;

Note: identify employees by position, not name.

Treasurer:

Flooring Estimate

7500

Town Hall

Mini Split A/C - Estimate

Treas / Assessor / Admin

25000

Mini Split Ck. Estimate

10,000

Basement

Dehumidifiers
2 Estimate

1000

Fire Proof Cabinets

10

15,000



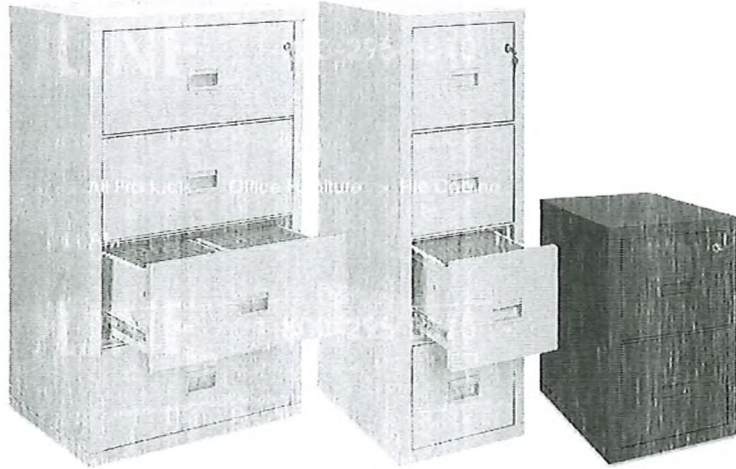
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FIRE-RESISTANT FILE CABINETS

FIREKING®

Total protection for critical business documents.

- UL Class 350 rated at 1,700°F for 1 hour.
- High-security lock resists picking and drilling. Lock all or select drawers with one key.
- Impact, explosion and water resistant.
- Gypsum insulated walls reinforced with 14-gauge welded steel wire.
- Accepts letter/legal hanging folders.

FIRE-RESISTANT FILE CABINETS - VERTICAL

Black or U. Gray

MODEL NO.	DESCRIPTION	NO. OF DRAWERS	DIMENSIONS W x D x H	WT. (LBS.)	PRICE EACH		ADD TO CART
					1	2+	
H-4805	Letter/	2	18 x 22 x 28"	251	\$1,000	\$970	Specify Color
H-4806	Legal	4	18 x 22 x 53"	435	1,615	1,565	Specify Color

FIRE-RESISTANT FILE CABINETS - LATERAL

Black or U. Gray

MODEL NO.	DESCRIPTION	NO. OF DRAWERS	DIMENSIONS W x D x H	WT. (LBS.)	PRICE EACH		ADD TO CART
					1	2+	
H-6940		2	31 x 22 x 28"	456	\$1,950	\$1,880	Specify Color
H-7941	Letter/	4	31 x 22 x 53"	794	2,995	2,895	Specify Color
H-7902	Legal		38 x 22 x 53"	907	3,345	3,245	Sub: H-8190
H-8190			44 x 22 x 53"	1,019	3,665	3,765	Specify Color

SHIPS ASSEMBLED VIA MOTOR FREIGHT
Restrictions apply. See items for details.

3

E

ASSESSOR

Vehicle
Preferred
can be used for Truck

20,000

F

Tiverton Senior Center

207 Canonicus Street, Tiverton, RI 02878

Telephone (401)625-6790

Fax (401)625-6793

e-mail: seniorcenter@tiverton.ri.gov

August 12, 2022

Dear Chris and Members of the Tiverton Town Council:

I have been fortunate to be the Director of the Tiverton Senior Center since January 17, 2017. I am grateful and honored to serve the senior citizens of Tiverton and nearby towns.

I have a few items that I would like seen completed over the next three years.

First of all, I would like to see the vinyl siding completed on the entire building. This project was started before the covid-19 break and has been on hold since. Atlantic Exteriors did the initial work on the backside of the building. We've obtained three quotes to finish the last three sides and Atlantic Exteriors has come to us with the least expensive price of \$28,500 with an additional \$3850 to replace the gutters and downspouts. I would like to see this project completed during Fiscal Year 2023.

\$30,000

Our AED (defibrillator) machines are very old and we have been advised to purchase new machines. We have one machine in the large dining room at the Tiverton Senior Center and a second one in the Tiverton Senior Center's bus. These machines are much older than other ones in the Town. It would be financially beneficial if we had the same machines as other departments and we could buy replacement pads in bulk.

1500 ea
\$3,000

Another project (FY-23) that requires attention is the parking lot; we are finding our parking lot fills to maximum capacity at least twice a week; leaving many folks parking on the street. This is limiting potential activities at the Center. If possible, could a study be done to see if more parking can be added. In addition, the parking lot will need re-surfacing and line painting.

\$25,000
EST
\$25,000

During the next fiscal year (FY-24), the bathrooms will need attention. The flooring in both bathrooms need replacement. Also, the toilets need to be replaced to power flushing, high-mount toilets. This project, hopefully, will be completed when the Senior Center ties in with the Town's sewer line and no longer uses a cesspool system.

\$15,000

During the third fiscal year (FY-25), replace flooring in the front lobby and offices area. These floors take a beaten, especially in the winter months. They have many dings and blemishes.

\$10,000

Thank you for your consideration and attention to these items and projects.

Sincerely,

Janet M. Holmes
Janet Holmes

G

**Town of Tiverton
FY23
Municipal Capital (Restricted) - Capital Improvement
Line Item Back Up Form**

Department account #/name: Public Works

Line item account #/name: # 0980 Fogland Playground & Bayview Playground

Requested amount: \$55,000

Budget Notes:

1. Short description of the line item if not intuitive from the line item title.
 - Install and/or repair playground apparatus

2. Brief justification for funding request and increase/decrease, if applicable.
Repair and/or Install new playground apparatus to replace and upgrade unsafe/substandard and/or removed apparatus.

3. Further defining detail (may be included as attachment).¹

4. Other information to explain/support request, if necessary.

-
1. For example:
 - o breakout of salary accounts to show all positions covered by the line item, and number of employees per position if more than one;
 - o calculations that show how the funding request was derived, e.g., average gallons of fuel per year at \$x.xx per gallon;

Note: identify employees by position, not name.

Tiverton Recreation Commission Capital Needs

	Cost	Quote or Estimate	Source
Pocasset Field			
Combo Skating/SplashPad (Called "Splashed Ice")	\$ 500,000.00	Estimate	Multi-season facility. 75 x 75 splashpad and skating rink. Information attached- estimate based on vendor feedback.
Security Cameras	\$ 15,000.00	Estimate	Security system to tie into existing network. Estimate based on prior projects
Total request for Pocasset Field	\$ 515,000.00		
Bulgarmarsh Recreational Complex			
Bulgarmarsh Lighting-For energy efficient lights	\$ 63,766.98	Quote	Updated lighting across bulgarmarsh to make facility brighter and more energy efficient.
Sun shades for softball field	\$ 5,000.00	Estimate	
Feasibility study Bulgarmarsh building	\$ 25,000.00	Estimate	To evaluate multi-use facility featuring updated bathrooms, storage, meeting space, community policing office and rooftop deck/garden
Updated bleachers	\$ 1,200.00	Estimate	For replacement wood for the existing bleachers
Security Cameras	\$ 18,000.00	Estimate	Security system to tie into existing network. Estimate based on prior projects
Total request for Bulgarmarsh improvements	\$ 112,966.98		
Town Farm Recreational Complex			
Wheelchair Swing for Town Farm	\$ 5,000.00	Estimate	https://www.schooloutfitters.com/catalog/product_family_info/pfam_id/PFAM38815 swing plus connection to the walkway
Town Farm Lighting- For energy efficient lights	\$ 19,895.00	Quote	
Town Farm Lighting- New lighting for lower field	\$ 75,000.00	Estimate	Include of new lights on lower fields will allow for extended use of facility
Replacement multi-purpose building	\$ 250,000.00	Estimate	Would include bathrooms, meeting space for 12, storage and Recreation office space
Movable Fencing	\$ 33,765.00	Quote	Quote provided as attachment. Fencing could also be used at other locations, such as pocasset during summer camp
bleachers for 3rd base line of softball field	\$ 1,151.00	Quote	https://www.aluminum-bleachers.com/commercial-outdoor/3-row-9-foot-long-standard-height-bleachers.html
Softball field tarp	\$ 2,409.00	Quote	https://www.tarpsnow.com/baseball-field-tarp-covers.html
Softball Tarp roller	\$ 1,225.00	Quote	https://www.tarpsnow.com/field-tarp-storage-roller.html
Baseball field cover	\$ 2,409.00	Quote	https://www.tarpsnow.com/baseball-field-tarp-covers.html
Baseball Tarp roller	\$ 1,225.00	Quote	https://www.tarpsnow.com/field-tarp-storage-roller.html
Fiberglass pitching mound for lower field	\$ 1,279.00	Quote	https://www.aeroforathletics.com/product/pitch-pro-model-486-fiberglass-pitching-mound/
Total request for Town Farm improvements	\$ 393,358.00		
Hooper Street Recreational Area			
New playground equipment	\$ 50,000.00	Estimate	Based on prior quotes from Kompan
Replacement basketball court	\$ 75,000.00	Estimate	https://sportsvenuecalculator.com/knowledge/outdoor-sports-court/outdoor-basketball-court-cost/#:~:text=The%20cost%20of%20an%20outdoor%20basketball%20court%20for%20schools%2C%20commercial,and%20the%20playing%20surface%20itself.
Total request for Hooper Street	\$ 125,000.00		
Middle School			
Benches for middle school softball field	\$2,433.58	Quote	Note: The middle school fields are used by multiple town leagues and also strenght
Sun shades for softball field	\$ 5,000.00	Estimate	
Total request for Middle School Softball field	\$ 7,433.58		
TOTAL request	\$ 1,153,758.56		

Tiverton Recreation Commission Capital Needs (PRIORITY LIST)

Location	Item	Cost	Source
Town Farm	Replacement multi-purpose building	\$ 250,000.00	Would include bathrooms, meeting space for 12, storage and Recreation office space
Bulgarmarsh	Feasibility study Bulgarmarsh building	\$ 25,000.00	To evaluate multi-use facility featuring updated bathrooms, storage, meeting space, community policing office and rooftop deck/garden
Town Farm	Wheelchair Swing for Town Farm	\$ 5,000.00	https://www.schooloutfitters.com/catalog/product_family_info/pfam_id/PFAM38815_swing_plus_connection_to_the_walkway
Pocasset	Combo Skating/SplashPad (Called "Splashed Ice")	\$ 500,000.00	Multi-season facility. 75 x 75 splashpad and skating rink. Information attached- estimate based on vendor feedback.
Town Farm	Town Farm Lighting- For energy efficient lights	\$ 19,895.00	
Bulgarmarsh	Bulgarmarsh Lighting-For energy efficient lights	\$ 63,766.98	Updated lighting across bulgarmarsh to make facility brighter and more energy efficient.
Town Farm	Town Farm Lighting- New lighting for lower field	\$ 75,000.00	Include of new lights on lower fields will allow for extended use of facility
Town Farm	Movable Fencing	\$ 33,765.00	Quote provided as attachment. Fencing could also be used at other locations, such as pocasset during summer camp
Bulgarmarsh	Security Cameras	\$ 18,000.00	Security system to tie into existing network. Estimate based on prior projects
Pocasset	Security Cameras	\$ 15,000.00	Security system to tie into existing network. Estimate based on prior projects
Bulgarmarsh	Sun shades for softball field	\$ 5,000.00	
Bulgarmarsh	Updated bleachers	\$ 1,200.00	For replacement wood for the existing bleachers
Town Farm	bleachers for 3rd base line of softball field	\$ 1,151.00	https://www.aluminum-bleachers.com/commercial-outdoor/3-row-9-foot-long-standard-height-bleachers.html
Town Farm	Softball field tarp	\$ 2,409.00	https://www.tarpsnow.com/baseball-field-tarp-covers.html
Town Farm	Softball Tarp roller	\$ 1,225.00	https://www.tarpsnow.com/field-tarp-storage-roller.html
Town Farm	Baseball field cover	\$ 2,409.00	https://www.tarpsnow.com/baseball-field-tarp-covers.html
Town Farm	Baseball Tarp roller	\$ 1,225.00	https://www.tarpsnow.com/field-tarp-storage-roller.html
Town Farm	Fiberglass pitching mound for lower field	\$ 1,279.00	https://www.aeroforathletics.com/product/pitch-pro-model-486-fiberglass-pitching-mound/
Hooper	New playground equipment	\$ 50,000.00	Based on prior quotes from Kompan
Hooper	Replacement basketball court	\$ 75,000.00	https://sportsvenuecalculator.com/knowledge/outdoor-sports-court/outdoor-basketball-court-cost/#:~:text=The%20cost%20of%20an%20outdoor%20basketball%20court%20for%20schools%20commercial.and%20the%20playing%20surface%20itself.
TMS	Benches for middle school softball field	\$ 2,433.58	
TMS	Sun shades for softball field	\$ 5,000.00	
	TOTAL ASK	\$ 1,153,758.56	



Anthem Sports, LLC
 2 Extrusion Dr.
 Pawcatuck CT 06379

Phone	Fax
800-688-6709	860-599-8448
www.anthem-sports.com	

Attachment 1

Quote

Date	Quote #
4/21/22	67062

Quote for:
Tiverton Middle School 10 Quintal Dr Tiverton, RI 02878 US

Ship To
Tiverton Middle School 10 Quintal Dr Tiverton, RI 02878 US

P.O. No.	Terms	Qt. CSR
	Net 30	JL

Anthem Part #	Description	Qty	U/M	Price	Total
A07-202	21' Permanent Player Bench w/Backrest	2	ea	1,056.00	2,112.00
1	Shipping & Handling	1		321.58	321.58
	Sales Tax			0.00	0.00

Total	\$2,433.58
--------------	-------------------

**Quote is valid for 30 days unless otherwise specified.
 Our manufactures are increasing prices regularly.**

**Due to supply chain delays estimated lead times
 are also subject to change.**

Return Policy: You may return any new or unused items in original packaging for a refund within 30 days.
 Email info@anthem-sports.com or visit www.anthem-sports.com/EasyReturns for details and exclusions.

Stu Grilfillen
Tiverton Recreation Chairman
Town of Tiverton
343 Highland Road
Tiverton, RI 02878

April 15, 2022

RE: Letter of Agreement for Energy Conservation Measures for building located at Town Farm Recreation in the Town of Tiverton, RI.

Dear Mr. Grilfillen,

Our team at Resource Lighting and Energy, Inc., ("RLE.") is pleased to present you with this agreement for Energy Conservation measures at Town of Tiverton located Town Farm Recreation in Tiverton, RI ("Customer").

Scope of Work

We will replace each existing light with an energy efficient option. Reduce energy consumption while improving the lighting in the space. For approximate locations of fixtures, please see Exhibit A. The proposed scope of work will provide the following:

- Tennis Courts
 - Remove (4) 1000W MH and replace with (4) 500W LED Sport lighting Fixtures
 - 1 Head per Pole
 - Add a weatherproof box for cord connections for (8) poles
 - 480v fixtures
 - Remove (4) 250W MH Flood lights and replace with (4) LED Flood Lights
 - 4 Flood lights on 1 pole in center of tennis courts
- Walkway
 - Replace existing (9) 250W Flood Lights around the perimeter with LED Flood Lights
 - A variety of single head and dual head poles exist
- Recycling and Trash Removal
- Electrical Permits

Additional information:

Existing Utility lights (Exhibit A) – no change

- These fixtures are located around the grounds. RLE cannot change these lights.
- We recommend that you request that the utility changes these light fixtures to LED or at minimum replace the lamps and/or ballasts (if needed)

Summary Efficiency Solutions

The costs, savings and potential estimated utility incentives developed for the energy efficiency solutions are as follows.

The total turnkey project cost is **\$19,895** plus estimated sales tax of \$1,357.66.

Description of Efficiency Solutions

The efficiency solutions will be installed as turnkey projects with RLE providing project management, obtaining permits and performing trash removal and recycling. All work will be performed in accordance with applicable codes. Pricing is based on work performed during normal business hours at non-prevailing wage rates. The work does not include correcting existing faulty wiring or code violations. If such deficiencies are identified during the installation, a separate price will be provided for repairing the deficiencies, which shall be done only with the written consent of Customer.

Lighting Solution

All existing interior lighting in the scope will be upgraded to new LED Fixtures and Retrofit Kits. The LED Fixtures and Kits being implemented will meet or exceed IES Standard light levels and existing building lighting codes. RLE only uses name brand LED lighting with a proven track record that is DLC approved and provided with at least 5-year warranties. Light levels will meet or exceed IES recommended standards. There is a maintenance savings from avoided lamp replacement.

Warranties

RLE shall perform the services and installation of the equipment and systems described and called for by this Agreement in a good and workmanlike manner and in compliance with all applicable laws. The Lighting System installation shall be warranted to be free from defects in materials and workmanship for a period of one year thereafter. In its sole election, RLE will repair or replace nonconforming equipment at no charge to CUSTOMER.

LED light fixtures carry a 5 - 7-year manufacturer's warranty. After CUSTOMER's acceptance of this agreement, it shall be the CUSTOMER's responsibility to communicate directly with the manufacturers for replacement/repair of failed equipment under warranty. Appropriate manufacturer contact information shall be provided.

In no event shall RLE be liable for any incidental, indirect, special, or consequential damages (including but not limited to lost profits), or any costs of cover arising out of or related to the efficiency solutions or any use thereof. There are no other warranties, express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

Cost of Services

The total installed cost of these projects is **\$19,895** plus tax and will be paid by Customer to RLE as follows:

Customer (jointly and severally) agrees to pay RLE total turnkey price of **\$19,895** plus tax.

1. Invoices will be issued on the following basis: 30% of the total turnkey cost on contract signing, 30% of total project cost on material arrival, 30% of total project cost on substantial completion. The customer may retain the final 10% invoice of all amounts due, without interest payable as retainage, until the satisfactory completion of the work and delivery of a final lien waiver.

RLE shall perform the work in a prompt and diligent manner and without delay or interference.

RLE hereby agrees to and does indemnify for gross negligence or willful misconduct and shall defend and hold harmless the CUSTOMER and their respective agents (hereinafter collectively "Indemnities") from and against any and all claims, damages, loss, expenses (including but not limited to attorneys' fees) or liability, interest, judgments arising out of any and all damages or injury of any kind or nature whatsoever (including death) to all persons and to all property caused by or resulting from or arising out of or in connection with the execution of the work, or any extension, modification, or amendment to the work by change order or otherwise. RLE agrees to and does hereby assume, on behalf of the CUSTOMER, the defense of any action at law or in equity which may be brought against the CUSTOMER, their officers, agents, servants and employees.

The parties agree that they shall endeavor to resolve any claim, dispute or other matter in question arising out of or relating to this Contract through mediation, as a condition precedent to binding dispute resolution. Unless the parties mutually agree otherwise, said mediation shall be administered by the American Arbitration Association through its Construction Industry Mediation Procedures in effect on the date of the Agreement. For any claim, dispute or other matter in question not resolved by mediation, the method of binding dispute resolution shall be arbitration, which, unless the parties mutually agree otherwise, shall be administered by the American Arbitration Association in accordance with its Construction Industry Arbitration Rules in effect on the date of the Agreement. The costs shall be borne equally between the parties provided that the prevailing party in any arbitration may be entitled to its reasonable attorney's fees and costs, as determined by the arbitrator.

RLE hereby irrevocably submits generally and unconditionally for itself to the jurisdiction of any state court or any United States federal court sitting in the State of Massachusetts.

The Contract shall be governed by the laws of the State of Massachusetts.

Neither party of the Contract shall assign the Contract without the written consent of the other, except that the CUSTOMER may, without consent of the Contractor, assign the Contract

RLE shall maintain the following insurance coverage:

(a) Worker's Compensation Insurance at no less than statutory requirements, but including employer's liability with a limit of not less than One Hundred Thousand Dollars (\$100,000.00) per occurrence;

(b) Non-Occupational Disability Insurance, when required by law;

(c) Commercial General Liability Insurance (including, without limitation, blanket contractual automobile non-ownership and personal injury liability) with a combined single limit of not less than Three Million Dollars (\$3,000,000.00) per occurrence for bodily injury or death and property damage; and

All of the foregoing insurance shall be written with carriers and in a form and with deductibles satisfactory to CUSTOMER and all coverage limits thereunder shall be written on an "occurrence basis." CUSTOMER and CUSTOMER'S Agents and Lenders shall be named as an additional insured on a primary and non-contributory basis under all such coverage except the worker's compensation policy.

RLE shall provide the CUSTOMER with certificates or a memorandum of insurance endorsed with respect to RLE's coverage to provide thirty (30) days advance notice of cancellation or material change to the certificate holder.



We appreciate this opportunity to collaborate and work with you and your energy needs. If you are in agreement, please sign, date and return a copy of this agreement to my attention.

All the best,

Resource Lighting and Energy, Inc.

Jay Benson – RLE




Date

Stu Gillfillen, Tiverton Recreation Chairman, Town of Tiverton

Date

Exhibit A: Fixture locations



-  1000W Sports Lighting
-  4-Head 250W Flood Lights
-  250W MH Flood Light



Attachment 3

Stu Gilfillen <stugilfillen@gmail.com>

Custom Ice Rinks - Splashed Ice

1 message

Jake Miller <JMiller@customicerinks.com>
To: "stugilfillen@gmail.com" <stugilfillen@gmail.com>

Wed, Aug 24, 2022 at 2:42 PM

Hi Stu,

Thanks for the chat earlier this afternoon. Attached to this email is a brochure and presentation on our Splashed Ice product. In terms of the pad itself, we do lots of different sizes, shapes and designs that affect the installation itself and of course the costs as well. Our smaller projects would be roughly a 50' diameter circle which is a common splash pad size and could accommodate some skaters for public skating in the winter time. With 6-8 splash/spray features running to sanitary drain the cost would be approximately \$ 275,000 installed with the site prep, electrical, change buildings, etc. being extra and normally done by the general contractor. Some of our larger scale Splashed Ice projects would get into the 60' x 120' rink size, more splash/spray features, water recirculation & chemical treatment system, hockey boards, etc. and this could get into the \$ 750,000 range with the site prep, electrical, change buildings, etc. being extra and normally done by a general contractor as well.

Please keep in mind these are just some rough ideas to get you started. We've done lots of projects in between these two sizes/scopes and even full NHL size rinks outdoors as well which is no problem. It all comes down to the end clients desire and typically the location as a smaller neighbourhood park doesn't require a full size rink/splash pad whereas a more central location it might make sense.

Take a peek on our website for more pictures and ideas of just some of these we have completed - <https://customicerinks.com/splashpads.html>

Please review and let me know how I can help!

Sincerely,

Jake Miller

CUSTOM ICE INC.
Rink Design Build

C2-3375 North Service Rd., Burlington, ON CANADA L7N 3G2

Toll Free: 1-866-887-8840 Local: 905-632-8840 Ext.34

Cell: 905-978-3060 Fax: 905-632-6723

jmill@customicerinks.com www.customicerinks.com

This e-mail may contain confidential and privileged material for the sole use of the intended recipient. Any review, use, distribution or disclosure by others is strictly prohibited. If you are not the intended recipient (or authorized to receive for the recipient), please contact the sender by reply e-mail and delete all copies of this message.

2 attachments



Custom Ice - Splashed Ice.pdf
813K



Custom Ice Corporate Profile.pdf
4264K



SPLASHED ICE

ICE RINK AND SPLASH PAD SYSTEM

With the growing demand for multipurpose winter and summer facilities, Custom Ice has developed a line of ice rink and splash pad combination products. These facilities use the same floor to operate as a refrigerated ice rink in the winter and splash pad in the summer. With our Splashed Ice system, the splash pad water lines and ice rink piping are built right in making seasonal changeover easy. This dual use creates double the fun at a fraction of the cost and space of two separate facilities!

- ▶ Patented dual use drains for water and ice integration
- ▶ Refrigeration system maintains ice up to 50°F/10°C
- ▶ Concrete floor construction
- ▶ Numerous water feature options to choose from
- ▶ Any size or shape is possible

WHY SPLASHED ICE?

- ✓ Maximizes green space in the park by only having one concrete pad
- ✓ Year round community focal point
- ✓ Common use of parking, lighting, change areas and other facilities





CUSTOM ICE INC. CORPORATE PROFILE

**We provide a quality ice rink solution
from concept to completion.**

 Tel. 1-866-887-8840

 info@customicerinks.com

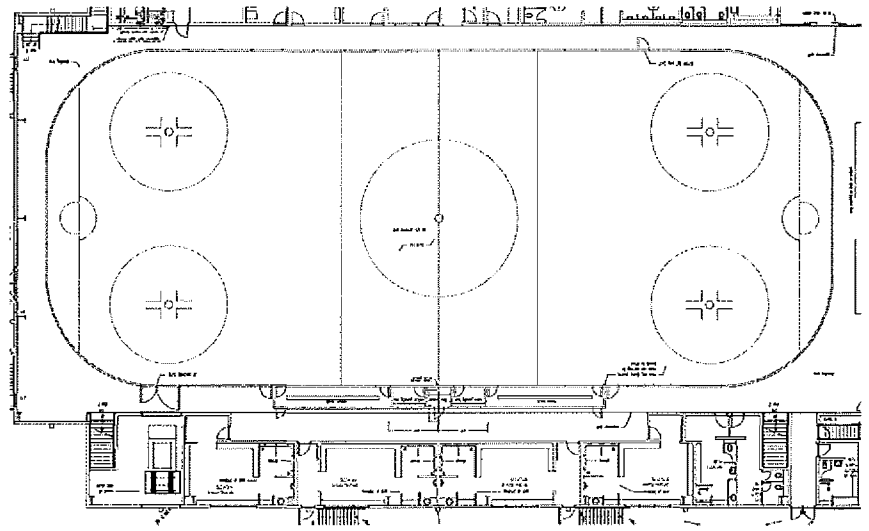
 www.customicerinks.com

CUSTOM ICE INC.

Rink Design Build

Custom Ice designs and builds all types of ice skating rinks in many designs and configurations. Since our incorporation in 2000, we have designed and built over 1,000 ice rinks. This would include both indoor and outdoor ice surfaces, portable and permanent rink floor piping systems, ice rink refrigeration units, hockey dasher boards and hand rail systems.

We specialize in unique and multipurpose ice rink applications that allow the same winter ice rink surface to be used in summer splash pads, reflecting ponds, and the more common basketball courts, tennis courts or turf fields. Custom Ice also designs and builds speed skating ovals, skating paths as well as the more traditional indoor and outdoor NHL and Olympic size ice rinks.



Guided by a solid management and engineering team, Custom Ice has developed many products and designs that secure our position as the most innovative ice rink company in North America. Custom Ice has also developed portable piping and headers systems that can be converted into permanent concrete floors in the future. Such systems are considered eco-friendly because they minimize waste and maximize use of space and construction materials.

The advantage of working with Custom Ice is our capability to integrate all the components and products of the ice rink into one project – offering you a complete solution that is reliable and efficient!

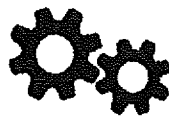


ENGINEERING/CONSULTING

We are experts in the ice rink industry and employ professional engineers who design ice rinks to meet the specific demands of each project.

We provide consulting engineering services to architects and engineers for the ice rink specific portion of their projects.

We are proficient in all kinds of ice rinks including indoor and outdoor rinks, skating paths, roof top rinks, and multipurpose ice rink/water feature combinations. We also provide expertise in ice quality, ice rink energy conservation and arena environment.



MANUFACTURING

Custom Ice manufactures ice rink products in our plant in Burlington, Canada including ice rink refrigeration chillers, portable and permanent piping systems, controls and pumping equipment.

By producing our own products we can test the equipment before it ships to the job site to ensure reliable and trouble free operation.

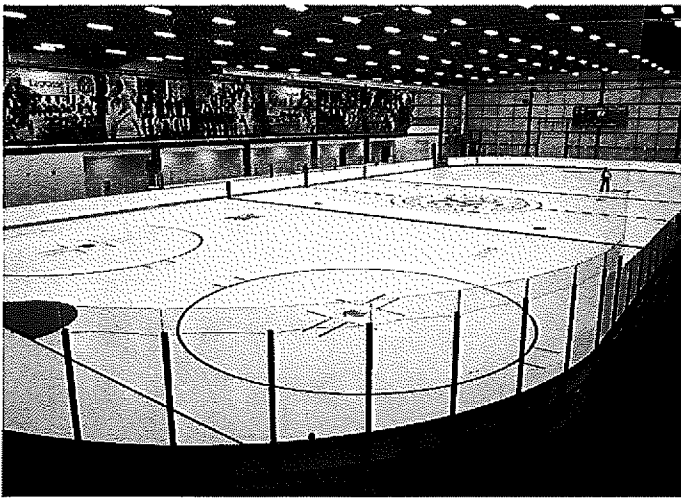
Since our inception in 2000, we have built over 900 ice rinks in our 20,000 sqft manufacturing facility.



CONTRACTING

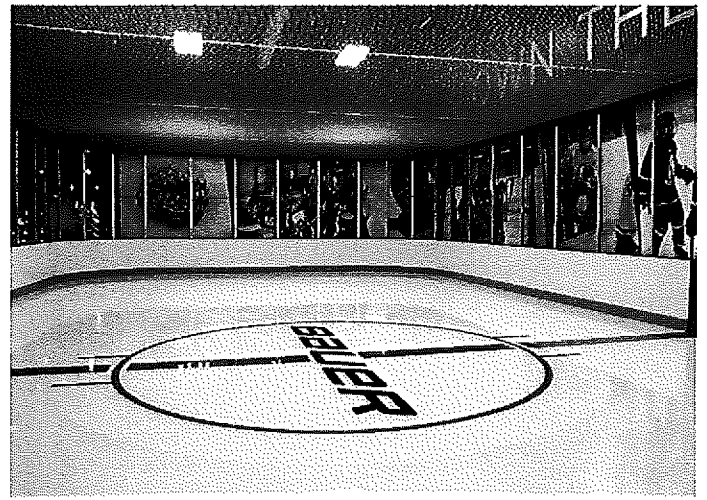
Custom Ice employs our own in house installation crews that install nearly every portion of your ice rink project. This approach ensures your ice rink is built on time and to the highest Custom Ice standards.

Our experienced project management and installation crews ensure that projects run smoothly and our customers are satisfied with each and every installation.



INDOOR ARENAS

- College/University Field Houses
- NHL Arenas
- Twin and Quad Pads
- Municipal Rinks



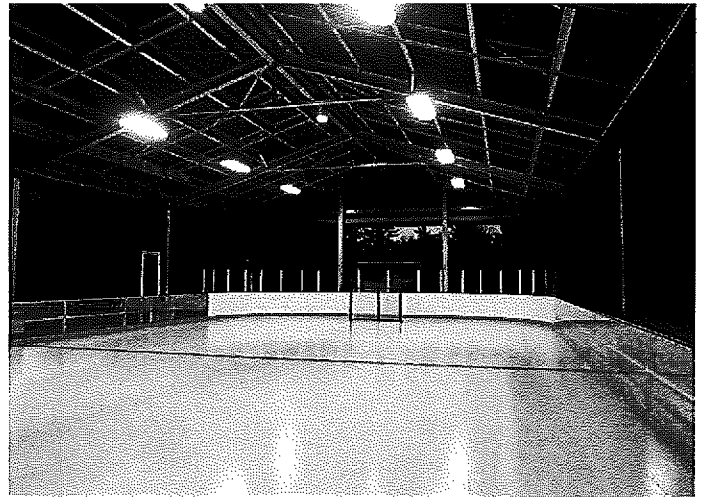
TRAINING RINKS

- Goaltending Clinics
- Shooting Pads
- Private Training
- 3 on 3 Hockey



COMMUNITY ICE RINKS

- Portable Ice Rinks
- Pavilion Ice Rinks
- Permanent Ice Rink and Sport Pads



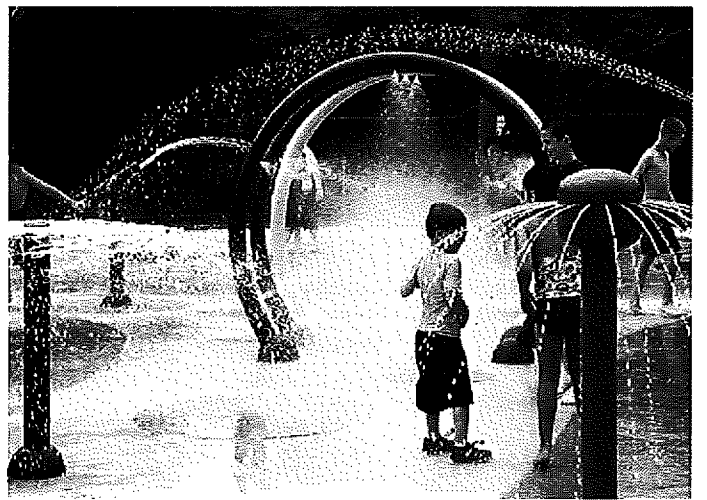
RESIDENTIAL ICE RINKS

- Portable Ice Rinks
- Pool Ice Rinks
- Permanent Ice Rink and Sports Pads



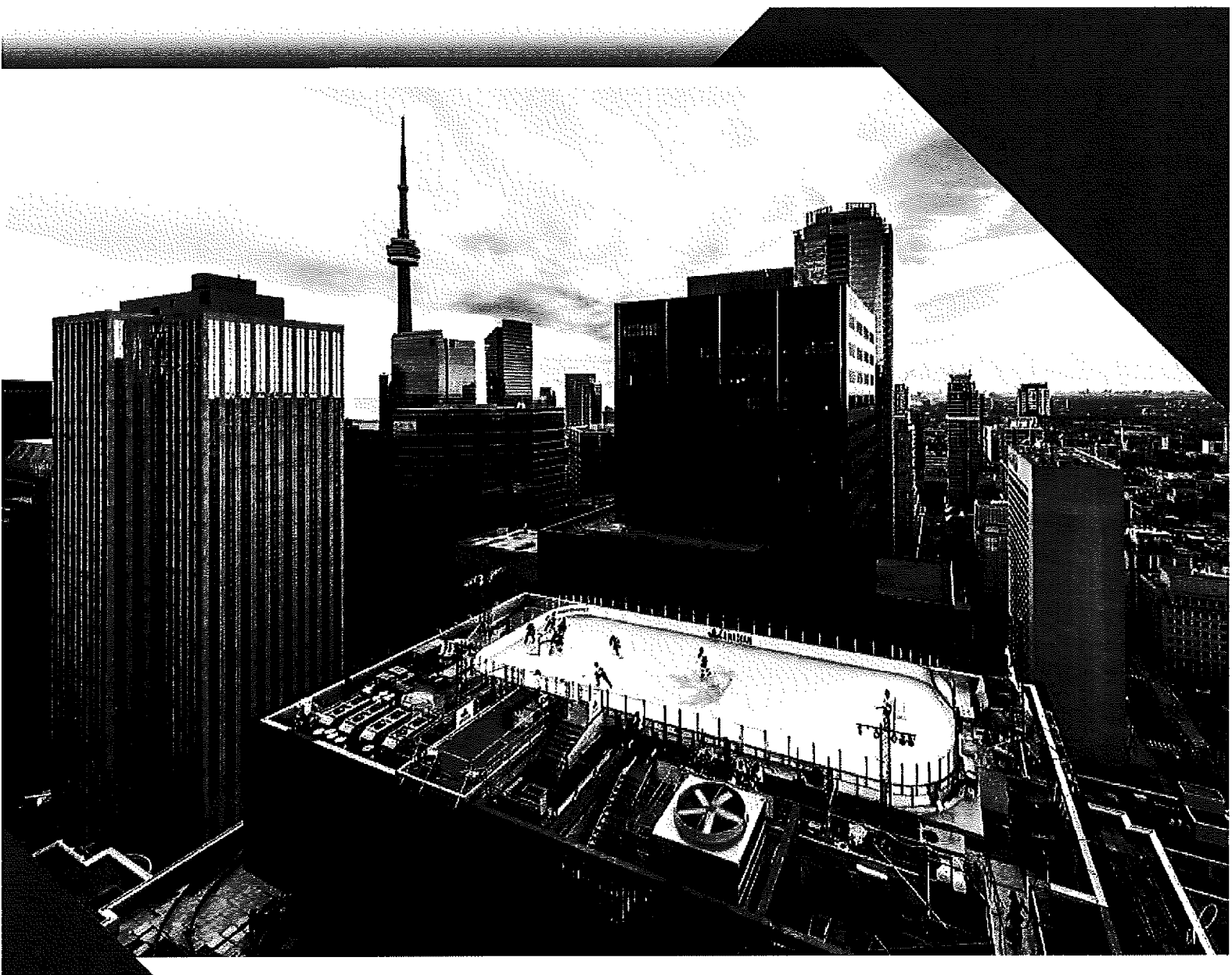
SPECIALTY

- Skating Paths
- Reflection Ponds
- Rooftop Ice Rinks
- Movie Sets



SPLASHED ICE

- Dual use Splash Pad and Ice Rinks
- Spray Pads



CONTACT US



3375 North Service Road Unit C2
Burlington, ON L7N 3G2
Canada



Tel. 1-866-887-8840
Fax. 905-632-6723



info@customicerinks.com



www.customicerinks.com

Stu Grilfillen
Tiverton Recreation Chairman
Town of Tiverton
343 Highland Road
Tiverton, RI 02878

April 15, 2022

RE: Letter of Agreement for Energy Conservation Measures for building located at Bulgarmarsh Park in the Town of Tiverton, RI.

Dear Mr. Grilfillen,

Our team at Resource Lighting and Energy, Inc., ("RLE.") is pleased to present you with this agreement for Energy Conservation measures at Town of Tiverton located Bulgarmarsh Park in the. ("Customer").

Scope of Work

We will replace each existing light with an energy efficient option. Reduce energy consumption while improving the lighting in the space. Exhibit B indicates approximate fixture locations. The proposed scope of work will provide the following:

- Baseball Field
 - Remove (32) 1000W MH and replace with (32) 500W LED Sport lighting Fixtures
 - (4) Heads per Pole on (8) Poles
 - Add a weatherproof box for cod connections for (8) poles
 - 480v fixtures
- Basketball Court
 - Remove (2) LED Floods and replace with (2) LED Floods
 - (2) Heads per Pole on (1) Pole
- Skate Park
 - Remove (2) LED Flood Lights to updated (2) LED Sports Lighting Fixtures
 - Due to the orientation of the pole, we can improve the overall light level however, we will not be able to eliminate shadowing
- Recycling and Trash Removal
- Electrical Permits

Additional information:

Existing Utility lights (Exhibit A) – no change

- These fixtures are located near the playground & basketball court. RLE cannot change these lights. During our visit in the evening we noticed that these lights were not operational or cycling.
- We recommend that you request that the utility changes these light fixtures to LED or at minimum replace the lamps and/or ballasts (if needed)

Skate Park – recommendation

- Currently the skate park has one pole light which lights the skate park. Due to the orientation of the pole and undulation of the skate park, we will not be able to eliminate shadowing.
- To optimally light this space, we would need to add 2-3 poles

- This is not included in this scope. To solidify a plan we would need as-builts of the skate park with elevation plans.

Summary Efficiency Solutions

The costs, savings and potential estimated utility incentives developed for the energy efficiency solutions are as follows.

The total turnkey project cost is **\$59,628** plus estimated sales tax of \$4,138.98.

Description of Efficiency Solutions

The efficiency solutions will be installed as turnkey projects with RLE providing project management, obtaining permits and performing trash removal and recycling. All work will be performed in accordance with applicable codes. Pricing is based on work performed during normal business hours at non-prevailing wage rates. The work does not include correcting existing faulty wiring or code violations. If such deficiencies are identified during the installation, a separate price will be provided for repairing the deficiencies, which shall be done only with the written consent of Customer.

Lighting Solution

All existing interior lighting in the scope will be upgraded to new LED Fixtures and Retrofit Kits. The LED Fixtures and Kits being implemented will meet or exceed IES Standard light levels and existing building lighting codes. RLE only uses name brand LED lighting with a proven track record that is DLC approved and provided with at least 5-year warranties. Light levels will meet or exceed IES recommended standards. There is a maintenance savings from avoided lamp replacement.

Warranties

RLE shall perform the services and installation of the equipment and systems described and called for by this Agreement in a good and workmanlike manner and in compliance with all applicable laws. The Lighting System installation shall be warranted to be free from defects in materials and workmanship for a period of one year thereafter. In its sole election, RLE will repair or replace nonconforming equipment at no charge to CUSTOMER.

LED light fixtures carry a 5 - 7-year manufacturer's warranty. After CUSTOMER's acceptance of this agreement, it shall be the CUSTOMER's responsibility to communicate directly with the manufacturers for replacement/repair of failed equipment under warranty. Appropriate manufacturer contact information shall be provided.

In no event shall RLE be liable for any incidental, indirect, special, or consequential damages (including but not limited to lost profits), or any costs of cover arising out of or related to the efficiency solutions or any use thereof. There are no other warranties, express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

Cost of Services

The total installed cost of these projects is **\$59,628** and will be paid by Customer to RLE as follows:

Customer (jointly and severally) agrees to pay RLE total turnkey price of **\$59,628**.

1. Invoices will be issued on the following basis: 30% of the total turnkey cost on contract signing, 30% of total project cost on material arrival, 30% of total project cost on substantial completion. The customer may retain the final 10% invoice of all amounts due, without interest payable as retainage, until the satisfactory completion of the work and delivery of a final lien waiver.

RLE shall perform the work in a prompt and diligent manner and without delay or interference.

RLE hereby agrees to and does indemnify for gross negligence or willful misconduct and shall defend and hold harmless the CUSTOMER and their respective agents (hereinafter collectively "Indemnities") from and against any and all claims, damages, loss, expenses (including but not limited to attorneys' fees) or liability, interest, judgments arising out of any and all damages or injury of any kind or nature whatsoever (including death) to all persons and to all property caused by or resulting from or arising out of or in connection with the execution of the work, or any extension, modification, or amendment to the work by change order or otherwise. RLE agrees to and does hereby assume, on behalf of the CUSTOMER, the defense of any action at law or in equity which may be brought against the CUSTOMER, their officers, agents, servants and employees.

The parties agree that they shall endeavor to resolve any claim, dispute or other matter in question arising out of or relating to this Contract through mediation, as a condition precedent to binding dispute resolution. Unless the parties mutually agree otherwise, said mediation shall be administered by the American Arbitration Association through its Construction Industry Mediation Procedures in effect on the date of the Agreement. For any claim, dispute or other matter in question not resolved by mediation, the method of binding dispute resolution shall be arbitration, which, unless the parties mutually agree otherwise, shall be administered by the American Arbitration Association in accordance with its Construction Industry Arbitration Rules in effect on the date of the Agreement. The costs shall be borne equally between the parties provided that the prevailing party in any arbitration may be entitled to its reasonable attorney's fees and costs, as determined by the arbitrator.

RLE hereby irrevocably submits generally and unconditionally for itself to the jurisdiction of any state court or any United States federal court sitting in the State of Massachusetts.

The Contract shall be governed by the laws of the State of Massachusetts.

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RLE shall maintain the following insurance coverage:

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(b) Non-Occupational Disability Insurance, when required by law;

(c) Commercial General Liability Insurance (including, without limitation, blanket contractual automobile non-ownership and personal injury liability) with a combined single limit of not less than Three Million Dollars (\$3,000,000.00) per occurrence for bodily injury or death and property damage; and

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RLE shall provide the CUSTOMER with certificates or a memorandum of insurance endorsed with respect to RLE's coverage to provide thirty (30) days advance notice of cancellation or material change to the certificate holder.

We appreciate this opportunity to collaborate and work with you and your energy needs. If you are in agreement, please sign, date and return a copy of this agreement to my attention.

All the best,

Resource Lighting and Energy, Inc.

Jay Benson – RLE

Date

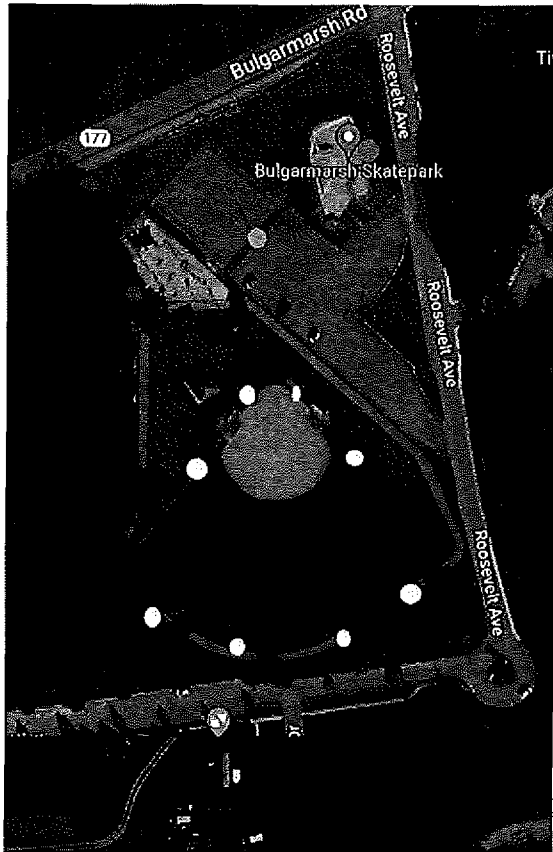
Stu Gillfillen, Tiverton Recreation Chairman, Town of Tiverton

Date

Exhibit A: Example of utility owned lighting



Exhibit B: Fixture locations



- 4 Head 1000W Sports Light (32 total fixtures)
- 2 Head 250W Flood Light
- 2 Head LED
- Utility Lights - No Change



Attachment 5

Tiverton Recreation Commission Tiverton RI: 34 Premium 6x10 Sportafence Panels (8-24-22)

Stuart Gilfillen
stugilfillen@gmail.com
401.835.7714

Reference: 20220824-153003478

Quote created: August 24, 2022

Quote expires: September 8, 2022

Quote created by: Chad Simich

President

chad@sportafence.com

Comments from Chad Simich

Thank you for requesting a quote from SportaFence!

Sportafence is manufactured using the same commercial grade galvanized fence materials as permanent fencing while also being highly configurable so you can play more regulation games on a single field regardless of age or gender! If you are seeking the durability and performance characteristics of permanent fencing but require portability to enable you to efficiently change fence configurations...Sportafence is the ONLY answer.

Do you need to attract more teams, elevate the level of tournaments and/or bring NCAA tournaments to your facility? Sportafence meets NCAA tournament standards for portable outfield fencing and is used widely across NCAA and ASA/USA Softball facilities. Play more games and drive more profitable revenue now with Sportafence!

****Note:** We are experiencing longer than normal lead-times right now due to high sales volumes.

Attached is the quote you requested that includes:

- 8-gauged black coated wire (green is an option at no additional cost)
- Yellow safety topper
- Standard 1½" solid core wheels
- Upgrade to a 2" wheel upgrade is required for use on natural grass fields. Please let us know if you require 2" wheels
- **At the time of delivery the client will need to provide a fork lift to off load the portable fencing system.**

Sportafence is the only professional grade portable fencing system on the market.

- Can be easily moved from field to field and adjusted for varied distances and dimensions, thereby converting single-purpose fields to multi-use activities;
- It is durable - it can be left on the field all year round;
- Meets NCAA tournament requirements, which increases opportunities to market fields for tournaments and increase revenues. It is currently being used for:
 - NCAA Women's College World Series Division I, II & III;
 - NJCAA Division I National Championship Tournament;
 - 2014 World Cup of Softball Championships in Irvine, CA. An ISF sanctioned event;
 - 2015 Pan American Games in Toronto, Canada. The world's third largest international multi-sport games.

SportaFence is being used coast to coast in 34 states and 6 countries. To see the product in action in your area, please see the Systems Locations attached:

Once you have reviewed the quote, please let me know if you have any questions. I am here to help!

Chad Simich
Sportafence Holdings Inc
1-888-201-2578

Products & Services

Item & Description	SKU	Quantity	Unit Price	Total
SAF Wheel Handle Extension	S&SHDL	2	\$45.00	\$90.00

SAF 6x10 Premium Blk	58422259	34	\$825.00	\$28,050.00
SAF Safety Cap Tool Tool for Yellow Safety Cap Installation	S&SCapTool	1	\$75.00	\$75.00

Subtotals

One-time subtotal				\$28,215.00
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Other Fees

Shipping Estimate				\$5,550.00
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Sales Tax (7%) * If sales tax exempt, please see Terms				\$1,975.05
--	--	--	--	------------

Total				\$35,740.05
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Purchase Terms

Pricing per this quote is good for 15 days

A 25% production deposit is required at the time of ordering

Payment terms are net 10 from delivery notification

Sales Tax Exempt organization must provide proof of exemption upon order submission

Orders over \$1,000 require a formal purchase order

Production lead-times are currently 16-20 weeks from the time of order for typical order sizes

At the time of delivery, client will need to provide equipment to offload delivery truck (2500lbs using forklift, bobcat or similar)

Questions? Contact me



Chad Simich
President
chad@sportafence.com

11123 upper 33rd St N

Lake Elmo, MN 55042

United States



Wheeled Fence



Product Description

SportaFence™ is the “ONLY” professional grade portable fencing system on the market! A revolutionary new design that allows softball and baseball outfield fences to be easily moved from field to field. It can be used also for special events, crowd control, etc.

Staffing Solutions

With the wheeled SportaFence™ system, an entire field can be ready for play in one hour. This high quality fencing enhances player safety and adds excitement to the game.

Product Features

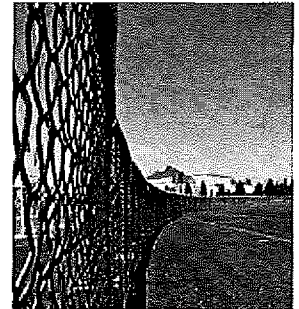
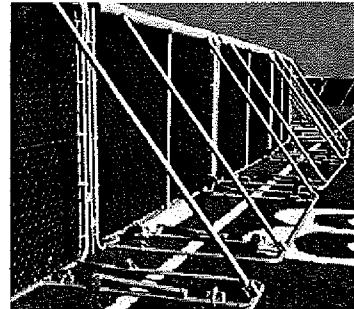
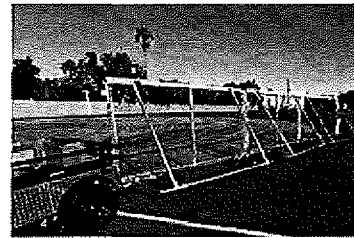
Heavy-duty portable chainlink fence panels:

5ft H x 10ftL / Weight: 175 lbs. (also available in 6'H x 10'L).

Constructed of durable galvanized steel with 8-gauge coated chainlink fence material.

Connectors secure panels together to form one continuous fence.

Legs collapse for easy storage.



REFERENCES

- ASA Official Portable Fence
- NCAA Women's Fast-pitch "World Series" Division
- Championships Series, ASA Championship Facility, Oklahoma City
- Pan American Games, Sportsplex, Ajax, Ontario, Canada
- NJCAA Division I National Championship Tournament, City of St. George Recreation & Parks



Pan American Games, USA vs Canada Softball, Toronto, Canada 2015



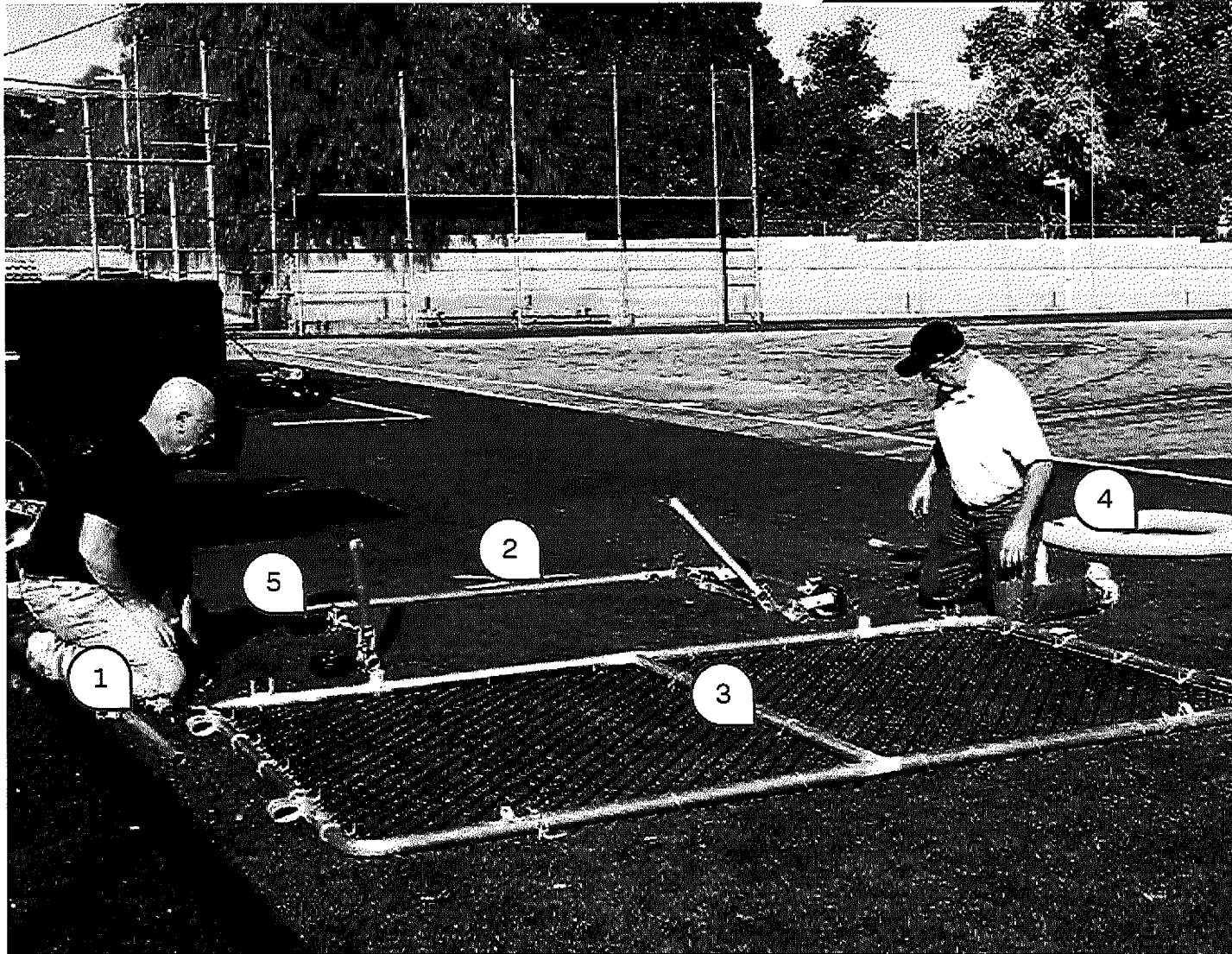
ASA Championship Facility Oklahoma City—NCAA "World Series" Div. I





Assembly Guide

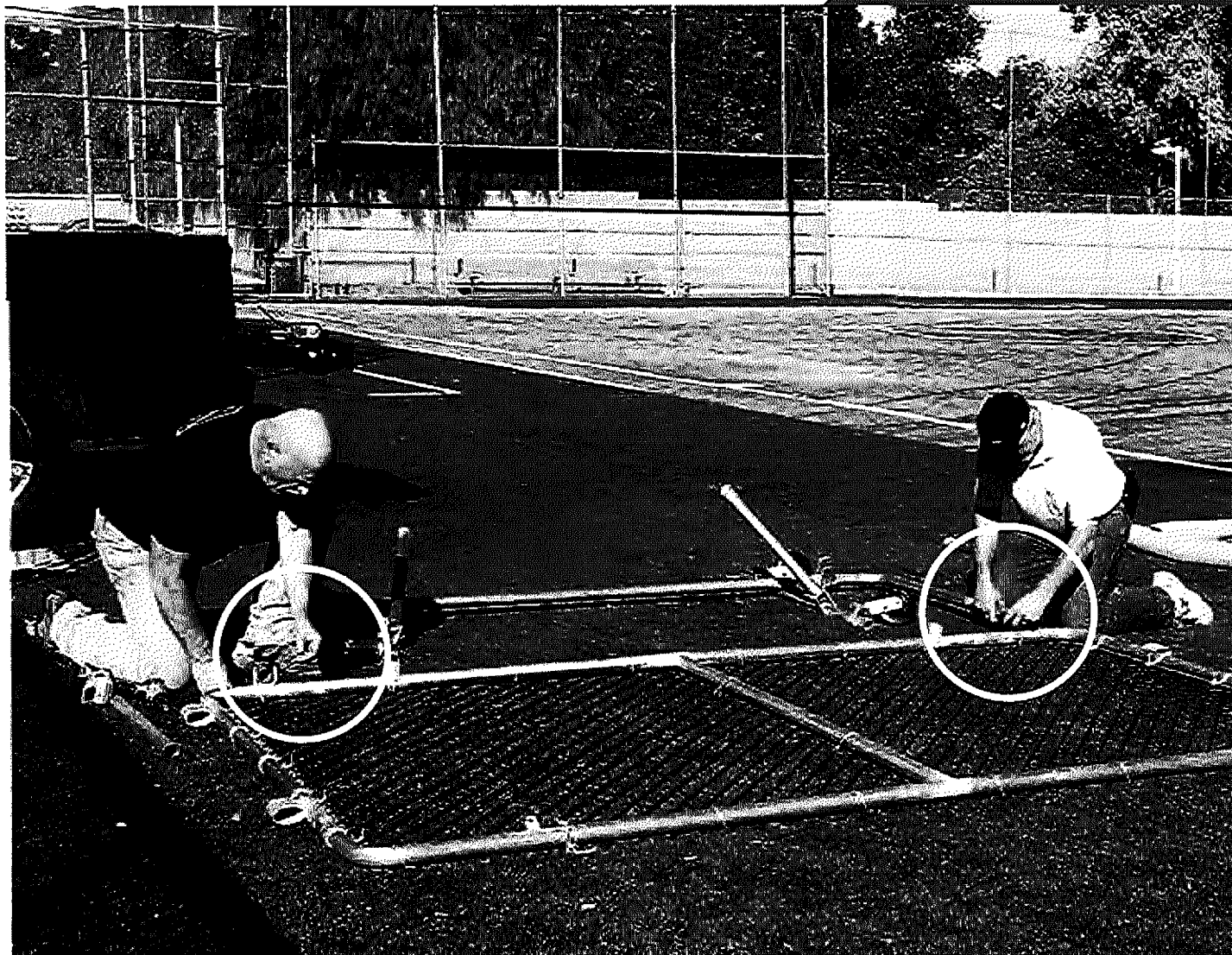
Set-up Layout



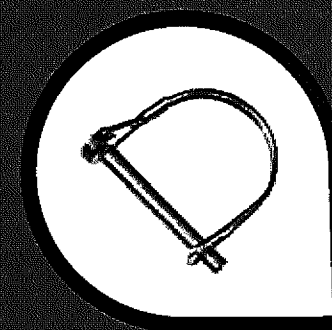
Layout and arrange assembly items to make sure all pieces are accounted for.

- 1 Arm Braces
- 2 Back Brace
- 3 Fence Panel
- 4 Safety Topper, Topper Tool, & Zip Ties
- 5 Wheel Axels

Attach Back Brace



**Attach Back Brace
to Fence Panel with
Tractor Pins**

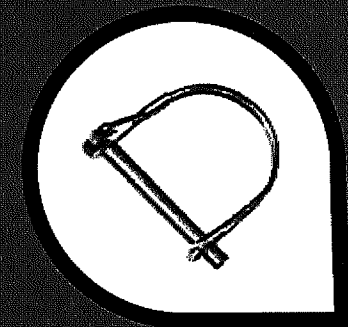


Tractor Pin

Attach Back Brace



Attach Back Brace
to Fence Panel with
Tractor Pins

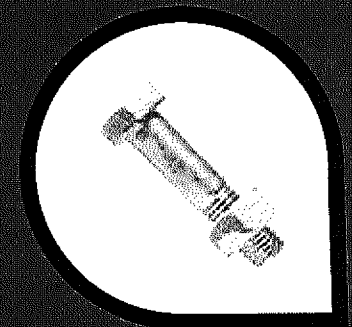


Tractor Pin

Attach Arm Brace



**Attach Arm Brace
to Back Brace
with Nut & Bolt**

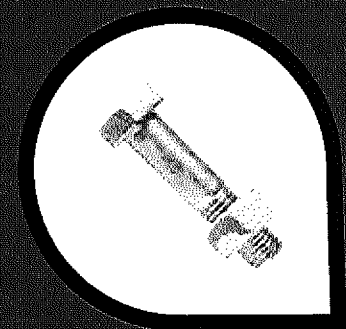


Nut & Bolt

Attach Arm Brace



**Attach Arm Brace
to Back Brace
with Nut & Bolt**

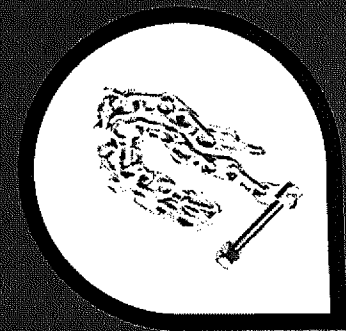


Nut & Bolt

Attach Braces to Panel



**Attach both Arm
Braces to top of
Fence Panel using
the Bolt on Chain**

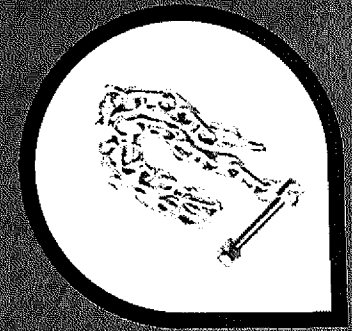


Bolt on Chain

Attach Braces to Panel

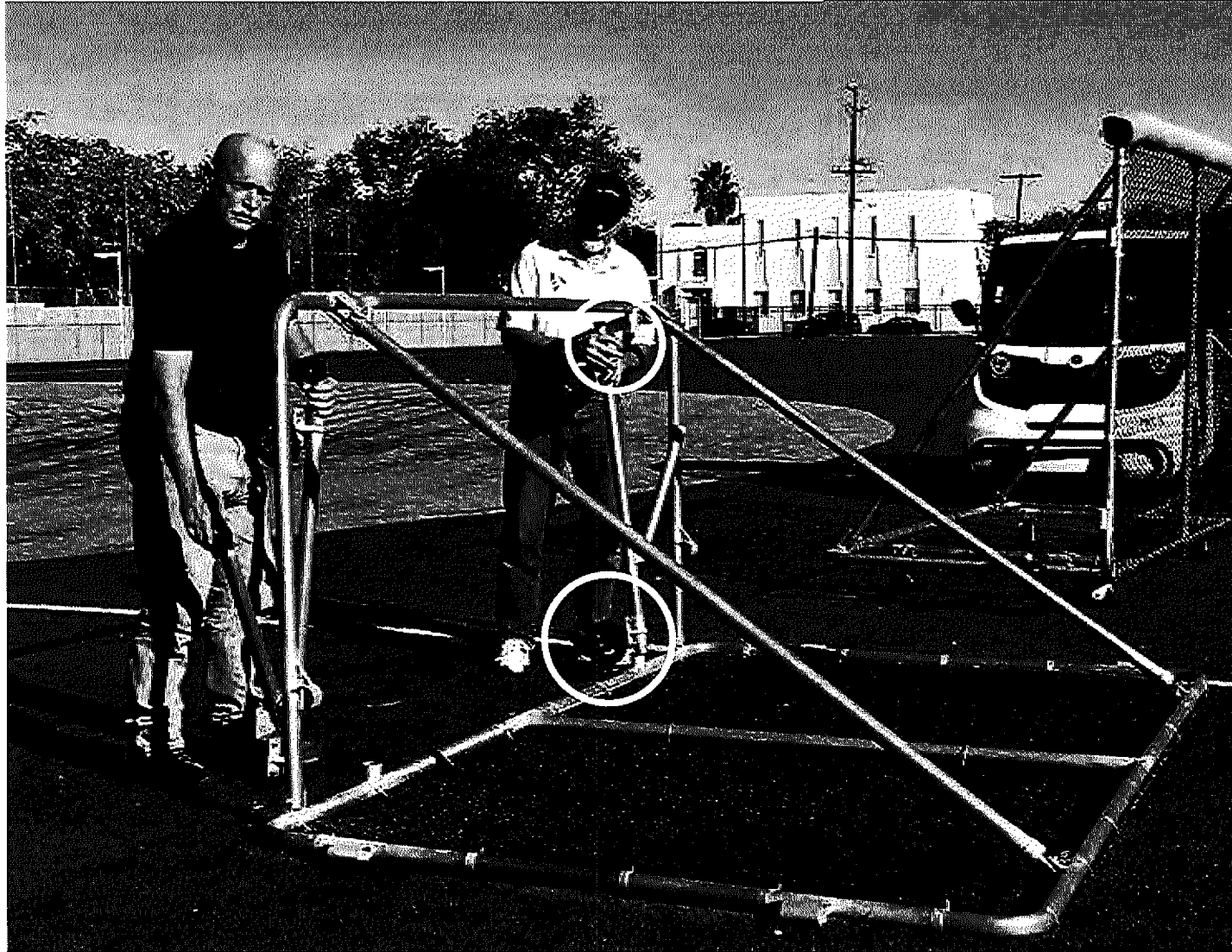


**Attach both Arm
Braces to top of
Fence Panel using
the Bolt on Chain**



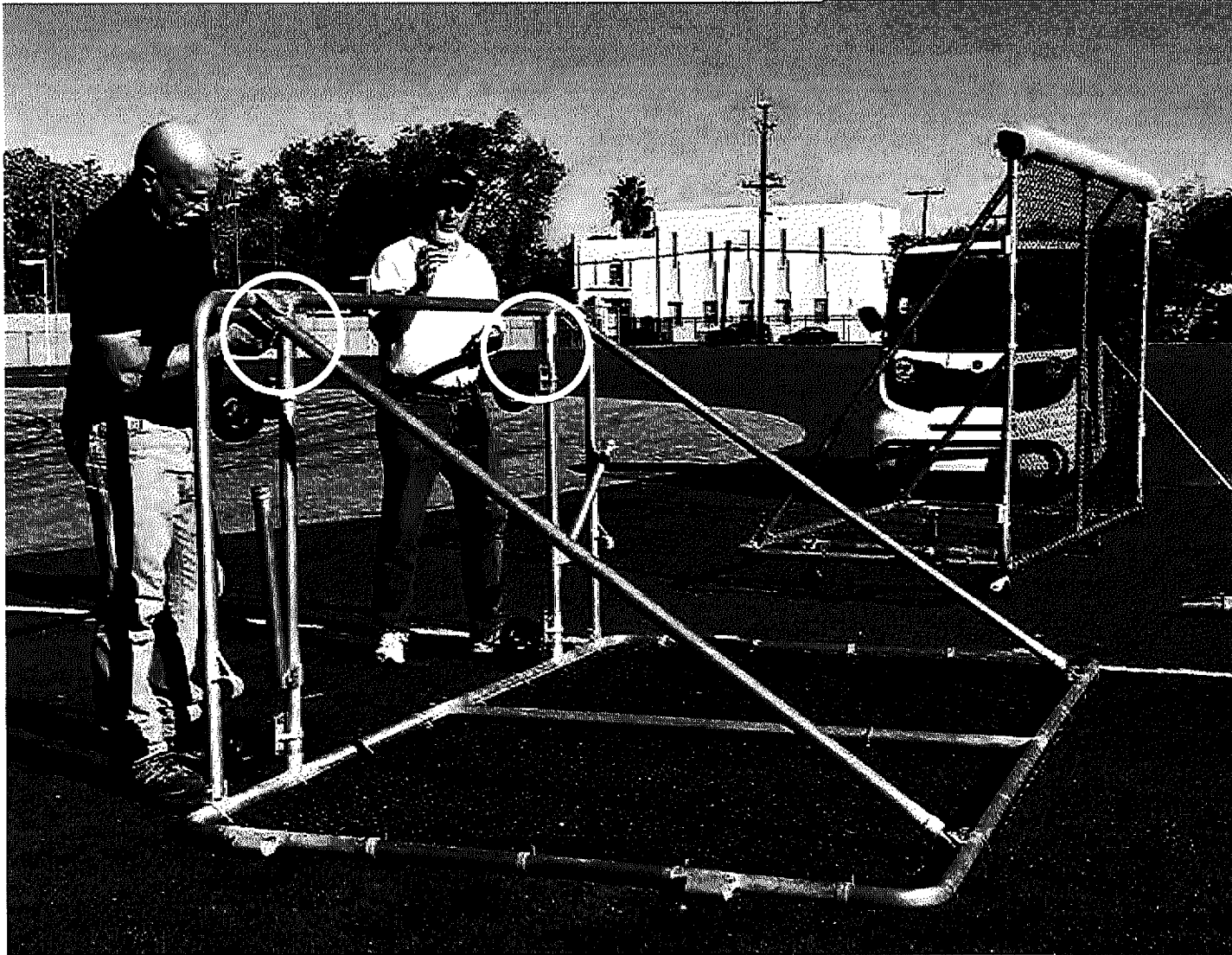
Bolt on Chain

Insert Wheel Axels

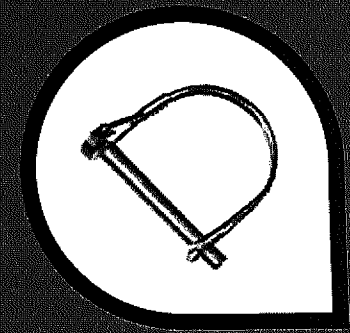


**With Axel Arm
closest to the
Fence Panel,
Insert the Top of
the Wheel Axel
into Fence Panel
and then Insert
the Bottom of the
Wheel Axel into
the Back Brace**

Attach Wheel Axels

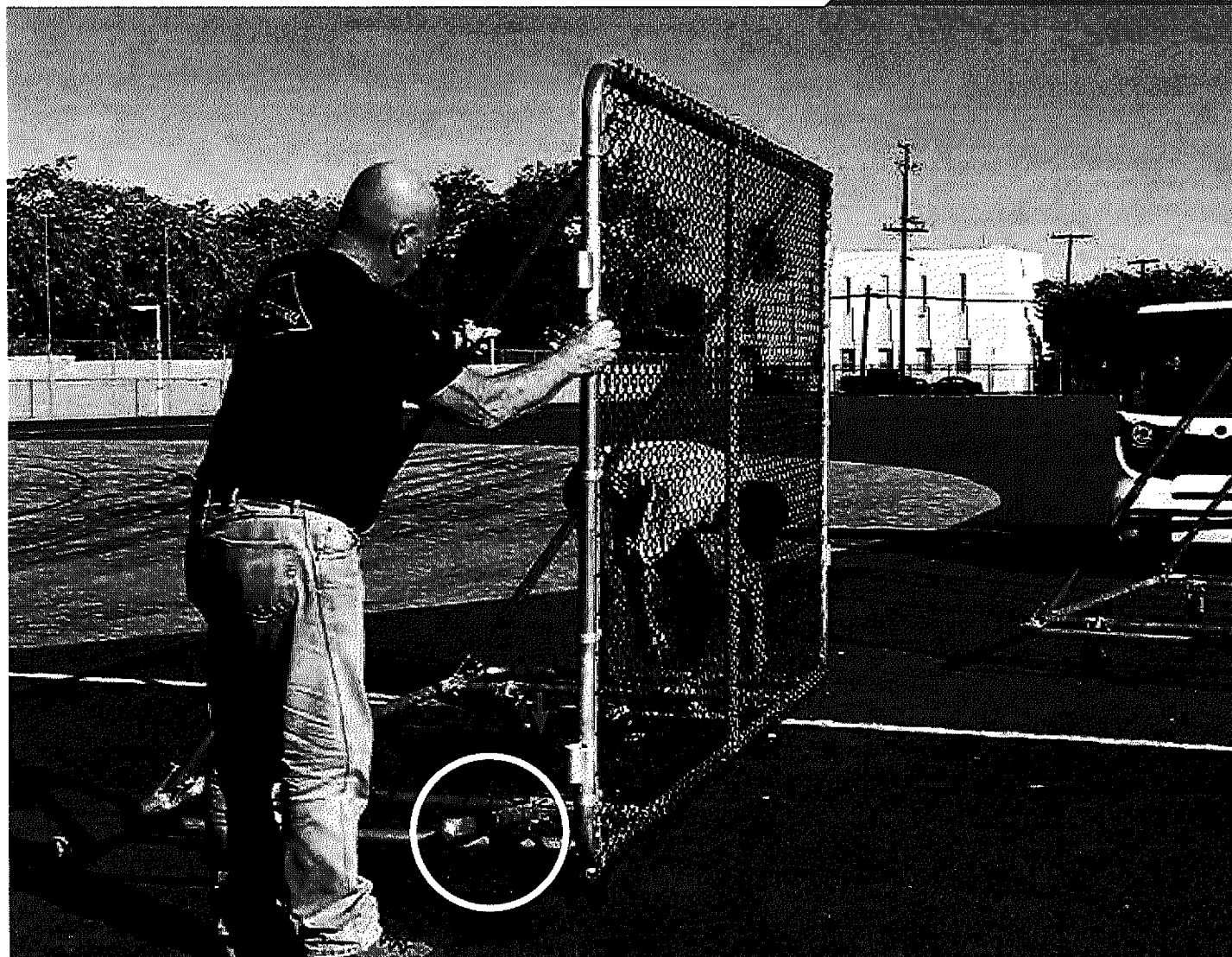


**Secure Wheel Axel
to the Back Brace
using a Tractor Pin**



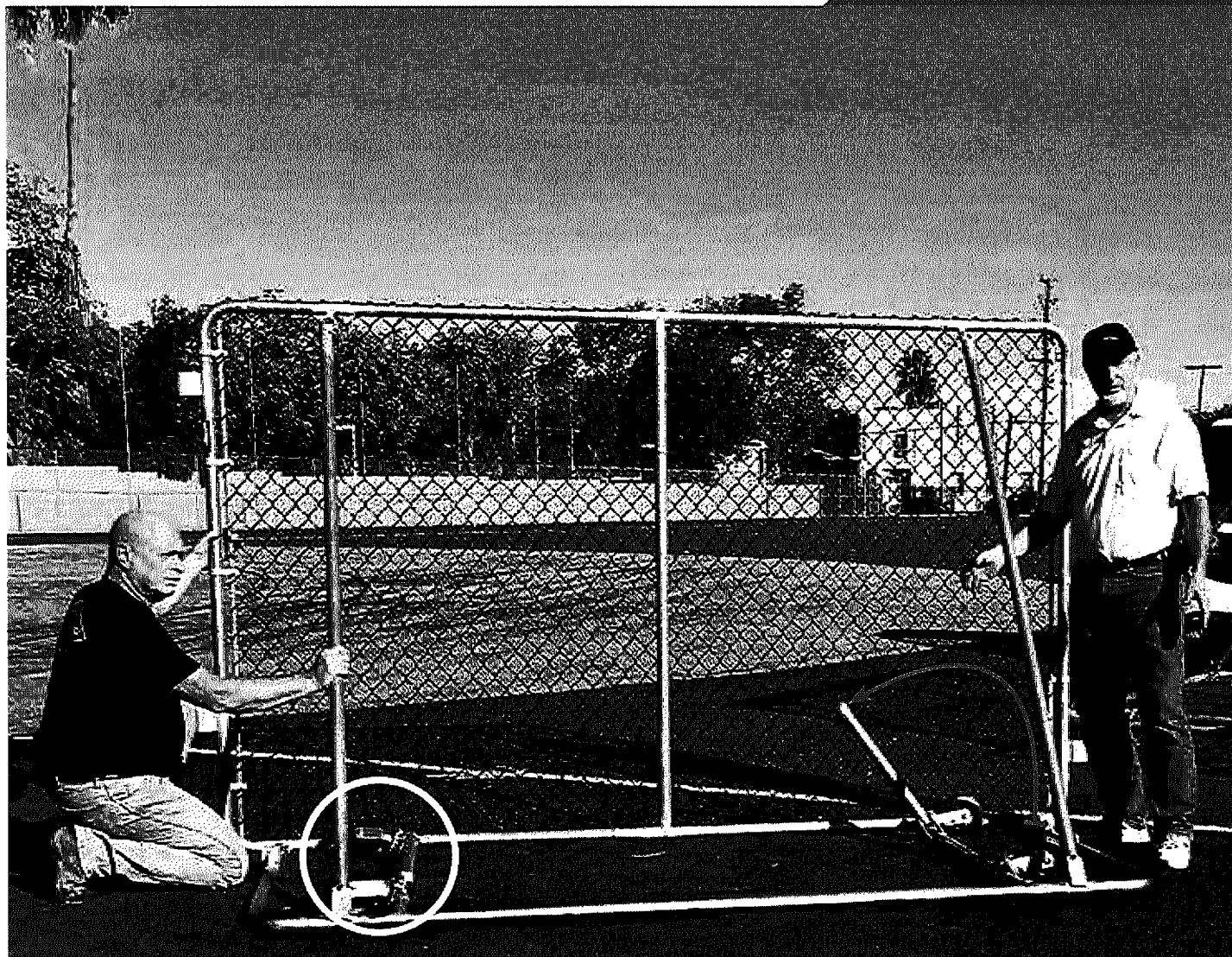
Tractor Pin

Secure Wheels



Stand up the Fence Panel onto the Wheel Axels and secure the Wheels into rolling position by locking the Axle Arm into the bracket on the Back Brace frame

Wheels Up Position

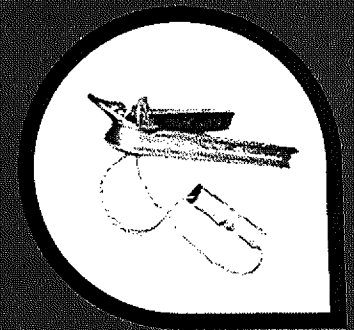


Retract the Wheels by rotating the Axle Arm towards the center of the Fence Assembly and folding the Axle Arm parallel with the Wheel Axle.

Install Safety Topper



Warming the Safety Topper will make it easier to manage. Ready the Topper Tool.

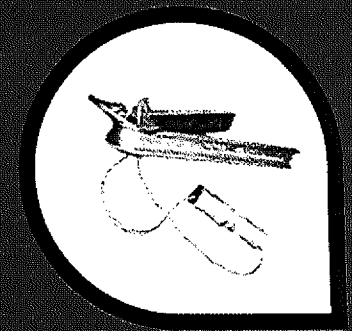


Topper Tool

Install Safety Topper

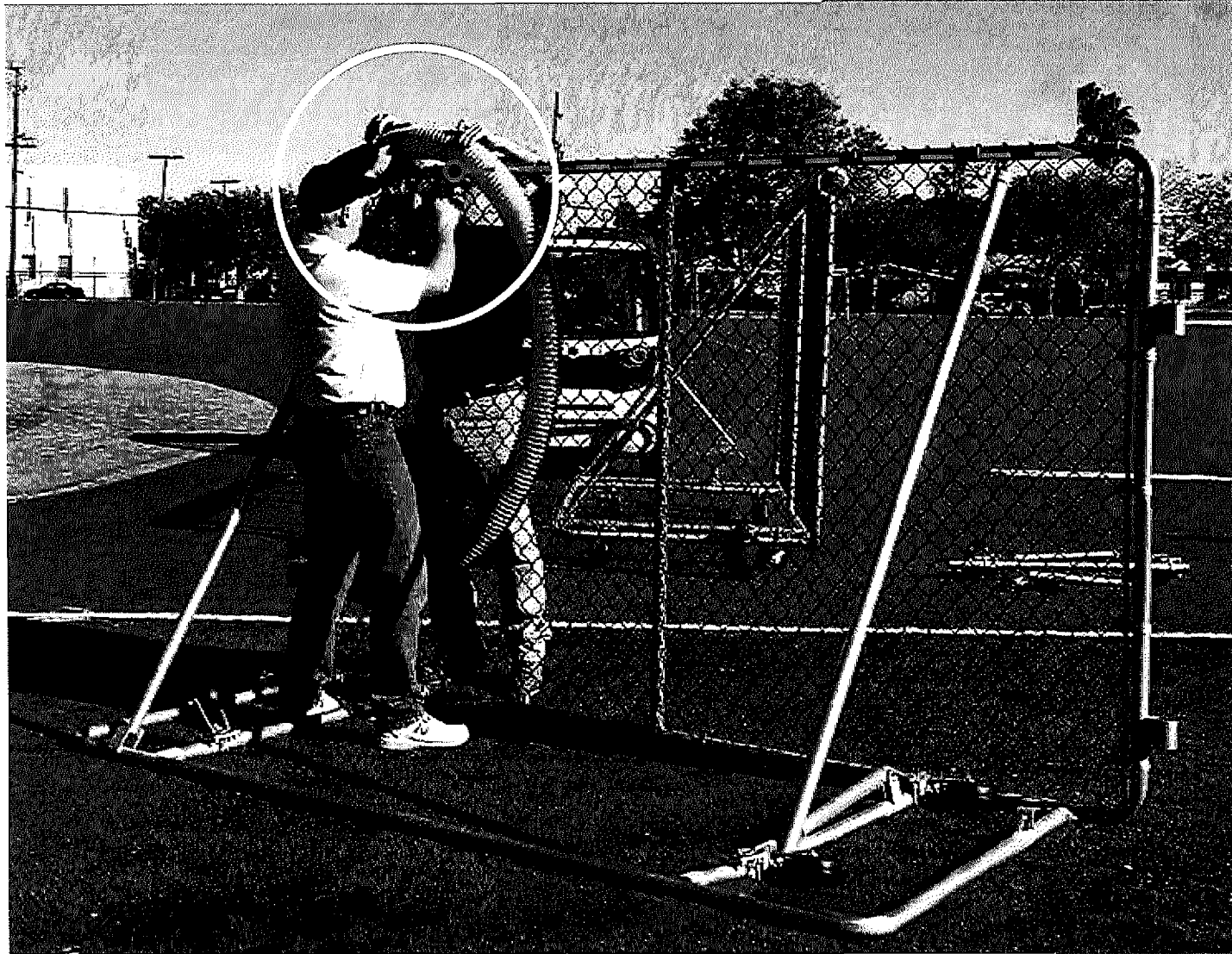


Insert Topper Tool in
Yellow Safety Topper
at the end opening of
slited side



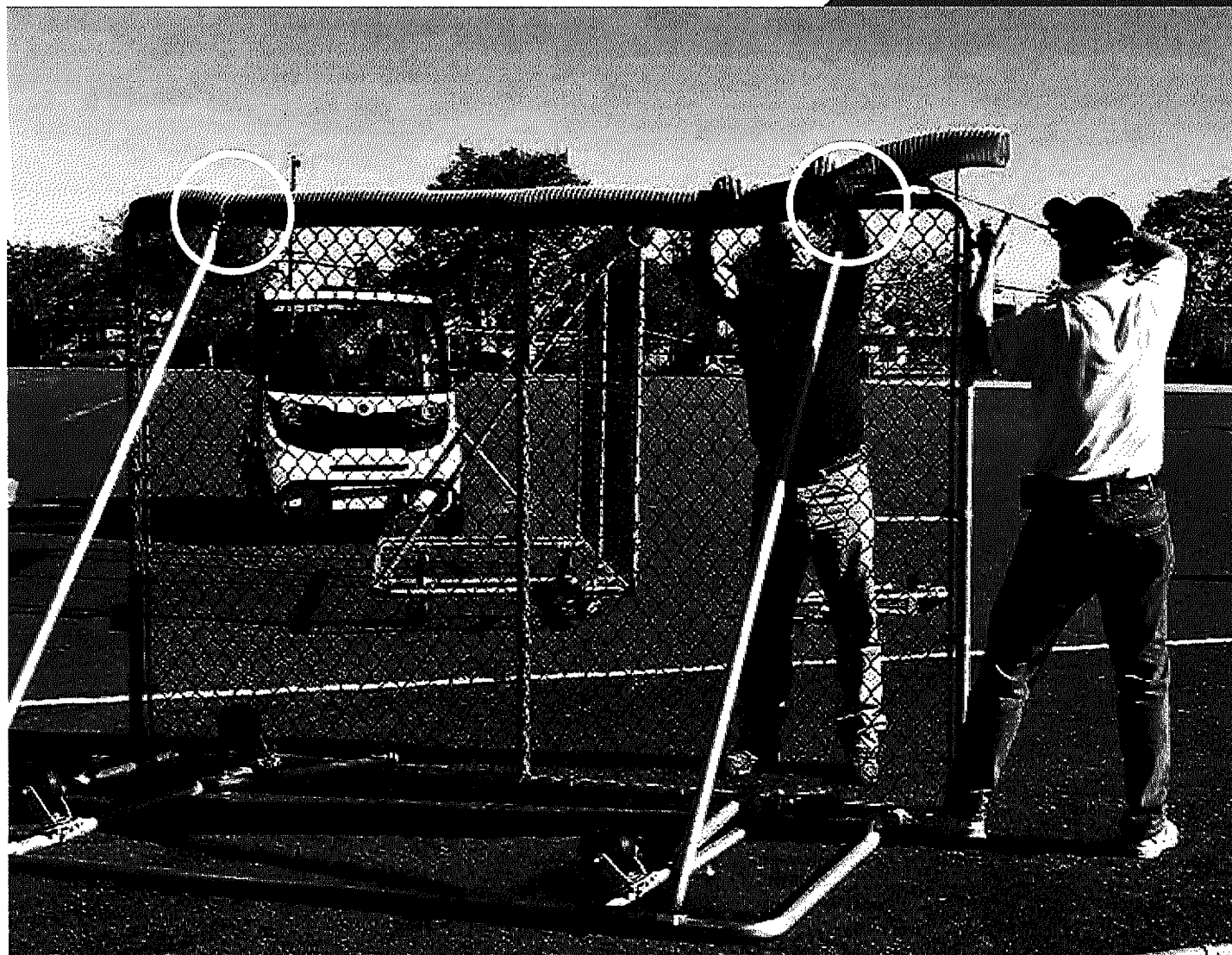
Topper Tool

Install Safety Topper



Pull Topper Tool through the inside of the Safety Topper to create a wider opening while guiding the Safety Topper over the top of the Fence Panel

Install Safety Topper

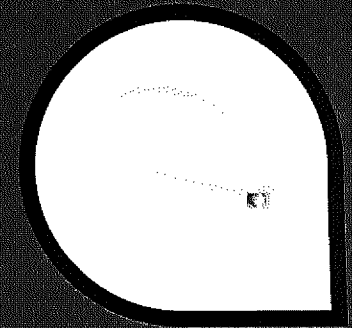


Pull Topper Tool
while guiding the
Safety Topper over
the top of the
Fence Panel
lining up notched
out sections with
the **Arm Braces**

Secure Safety Topper



**Secure Safety Topper
with 5 Zip Ties to the
top of the Fence Panel**



Zip Tie

Assembly Finished

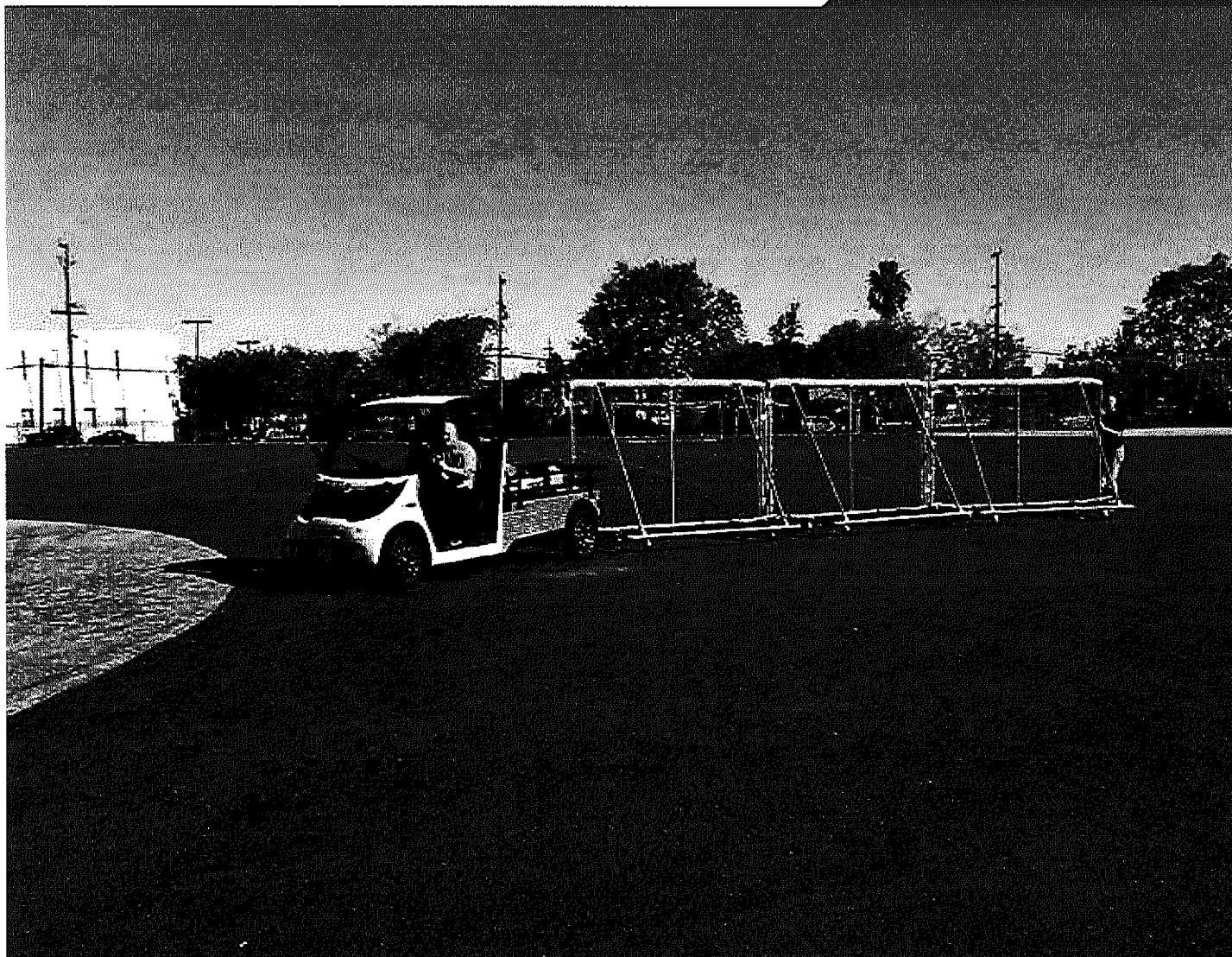


Connect and Tow



Connect assembled fence panels together and set them to Wheeled position. Connect row of Fence Panels to Gator or Tractor with Tow Cable

Towing SportaFence



**Towing a row of
Fence Panels with
Gator or Tractor**

H

TIVERTON PUBLIC SCHOOLS

OFFICE OF THE SUPERINTENDENT

Peter Sanchioni, Ph.D.

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August 25, 2022

Mr. Chris Cotta
Tiverton Town Administrator
343 Highland Road
Tiverton, RI 02878

Ms. Denise DeMedeiros
President Tiverton Town Council

For your consideration at your meeting on August 29, 2022 the Tiverton School Committee respectfully submits the following projects for capital revenue.

The list is in priority order:

1. Renovate THS locker rooms/bathrooms \$1,200,000
This project has already been approved by RIDE. As the project is considered both health and safety and educational it will receive a reimbursement of 45% which is higher than our standard 35%.

2. Replace the Security Alarm Panels at the three elementary schools \$11,073

3. Complete the Security Upgrades at the three elementary schools
Includes security film, card access and video intercom, redesigning the security vestibule at Ranger \$404,000

4. Complete the Security Upgrades at the Middle School
Includes redesigning the security vestibule, card access and video intercom \$220,000

5. Complete the Security Upgrades at THS
Includes Security vestibule renovation, upgrade card access system, video intercom \$42,000

6. Replace the Boy's Toilet Partitions at all three elementary schools \$38,000

7. Renovate the final single use bathrooms at TMS \$200,000

Should you have any questions or concerns please contact me at your earliest convenience.

With gratitude,

Peter Sanchioni, Ph.D.



Excellence in Education