



HOUSE of REPRESENTATIVES

STATE OF MICHIGAN

Appropriations Requests for Legislatively Directed Spending Items

1. The sponsoring representative's first name:
Brian
2. The sponsoring representative's last name:
BeGole
3. The cosponsoring representatives' names. All cosponsors must be listed. If none, please type 'n/a.' A signed letter from the sponsor approving the co-sponsorship and a signed letter from the member wishing to co-sponsor are required. Attach letters at question #9 below.
n/a
4. Name of the entity that the spending item is intended for:
Civil Air Patrol--MI Wing 007
5. Physical address of the entity that the spending item is intended for:
725 Isbell St. Howell, MI 48843
6. If there is not a specific recipient, the intended location of the project or activity:
Howell Airport
7. Name of the representative and the district number where the legislatively directed spending item is located:
State Representative Brian BeGole House District 71
8. Purpose of the legislatively directed spending item. Please include how it provides a public benefit and why it is an appropriate use of taxpayer funding. Please also demonstrate that the item does not violate Article IV, S 30 of the Michigan Constitution. The Rhotheta RT-400 will significantly enhance the Civil Air Patrol's (CAP) search and rescue capabilities by providing a much more advanced and reliable tool for both training and real-world missions. This high-performance radio direction finder allows CAP members to pinpoint the location of a downed aircraft or missing hiker (carrying a PLB - personal locator beacon) with precision, improving response times and mission success rates. Unlike the older L-Tronics Little L-per, which is less sensitive and can be more challenging to use, the RT-400 offers greater accuracy and ease of operation. This means

fewer resources wasted in prolonged searches, reducing the risk to both the rescuers and those in need of assistance. The RT-400's enhanced signal processing capabilities ensure that it can operate in a variety of environments and weather conditions, which is especially critical when conducting missions in difficult terrain or low-visibility situations. It can be vehicle-mounted, or backpack-mounted for searches on foot when you are near the target location.

For Livingston County, the addition of the Rhotheta RT-400 will provide an invaluable tool in its efforts to maintain public safety, particularly in remote or hard-to-reach areas. Whether it's a missing hiker or a downed aircraft, the RT-400 will significantly improve the efficiency of search operations. The device's superior direction-finding performance will enable teams to quickly narrow down search areas, making operations faster and more effective. In addition, it will serve as a crucial asset for training, helping local Civil Air Patrol teams stay sharp and prepared for real-life emergencies, as well as fostering inter-agency collaboration for training. The increased operational efficiency will not only save time but could potentially save lives, reinforcing the county's commitment to public safety and its ongoing partnership with the Civil Air Patrol in search and rescue efforts.

9. Attach documents here if needed:

Attachments added to the end of this file.

10. The amount of state funding requested for the legislatively directed spending item.

13759

11. Has the legislatively directed spending item previously received any of the following types of funding? Check all that apply.

["None"]

12. Please select one of the following groups that describes the entity requesting the legislatively directed spending item:

Non-profit organization

13. For a non-profit organization, has the organization been operating within Michigan for the preceding 36 months?

Yes

14. For a non-profit organization, has the entity had a physical office within Michigan for the preceding 12 months?

Yes

15. For a non-profit organization, does the organization have a board of directors?

Yes

16. For a non-profit organization, list all the active members on the organization's board of directors and any other officers. If this question is not applicable, please type 'n/a.'

Squadron Commander Sherelyn Garland, Deputy Commander Chris Johnson, Deputy Commander for Seniors Bill Ohrt, and Deputy Commander for Cadets Jason Whiteson

17. "I certify that neither the sponsoring representative nor the sponsoring representative's staff or immediate family has a direct or indirect pecuniary interest in the legislatively directed spending item."

Yes, this is correct

18. Anticipated start and end dates for the legislatively directed spending item:

summer 2026

19. "I hereby certify that all information provided in this request is true and accurate."

Yes



RHOTHETA International Inc.
8201 Peters Road STE 1000
Ft Lauderdale FL 33324 USA
+1 (877) 420-0894 +1 (954) 495-8700
F.+1 (954) 476-5926 info@rhotheetaint.com

QUOTATION

QUOTE #:

408222A

TO:

CAP Wing | Member
Civil Air Patrol | U.S. Air Force Auxiliary
GoCivilAirPatrol.com

DATE:

8/22/2024

REV:

RFQ NOTES:

Portable V-UHF RDF for Ground SAR ops

COUNTRY:

USA

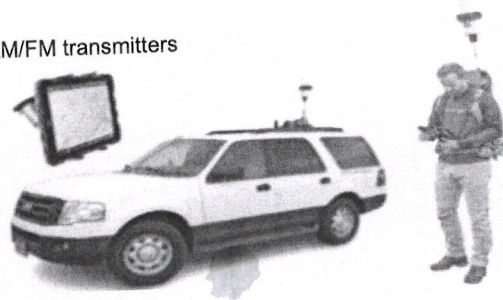
RT-400

Detection

Tracking

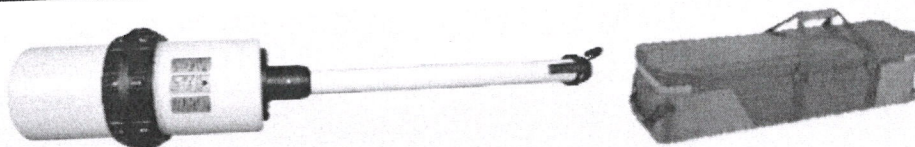
Location

Track and decode ELT, PLB, EPIRB, COSPAS-SARSAT, AM/FM transmitters
Air band: 118.000 - 123.975 MHz (AM 8.33 kHz)
Marine band: 154.000 - 162.995 MHz (FM 5.0 kHz)
UHF band: 240.000 - 245.975 MHz (AM 25 kHz)
UHF band : 406.100 - 410.000 MHz (FM 5kHz)
COSPAS-SARSAT 400.000 - 406.092 MHz (PM 8.33 kHz)
WiFi connectivity between with iPad/tablet
HC 8529.10.69



Item	Part Number	Description	QTY	Unit Price US \$	Total Price US \$
------	-------------	-------------	-----	---------------------	----------------------

RT-400



1 RT-8405

RT-400 Portable Direction Finder, V-UHF, multifunction, multiband. WiFi connectivity, carrying case, 43x13x13in, 15 lbs.

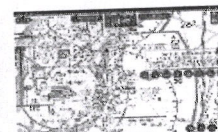
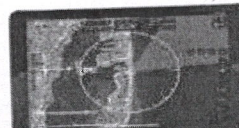
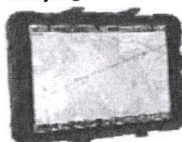
1

\$9,415

\$9,415

DF Operator Software

(2 options)



2a RT-8450

(option a)

DF Scout, Android OS application. Permanent license. Designed for remote control and monitoring of the RT-400 via Wi-Fi. All DF data is conveniently displayed over maps. Line of bearing, triangulation, beacon ID. Android tablet not included.

0

\$1,712

2b RT-15104

(option b)

smartDF PRO, iPadOS OS application. Permanent license. Designed for remote control and monitoring of the RT-400 via Wi-Fi. All DF data is conveniently displayed over maps. Line of bearing, triangulation, beacon ID. Scanning by frequency bands. iPad not included.

1

\$1,196

\$1,196

Extended Frequency Bands (optional)

3a RT-8410-001

F1 option: 118,000 - 136,975 MHz, AM, 8.33 kHz

0

\$2,387

3b RT-8410-002

F2 option: 137,000 - 224,995 MHz, FM, 5.0 kHz

0

\$1,114

3c RT-8410-003

F3 option: 225,000 - 399,975 MHz, AM, 25 kHz

0

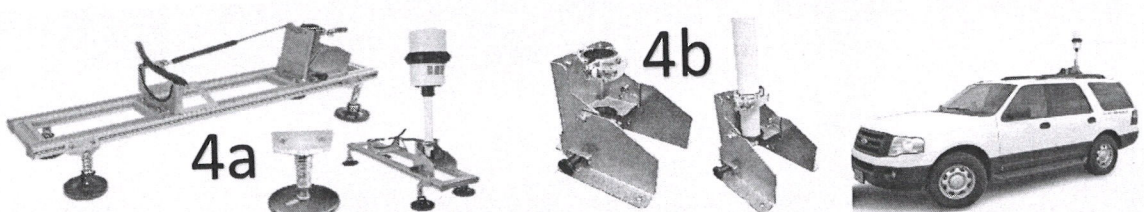
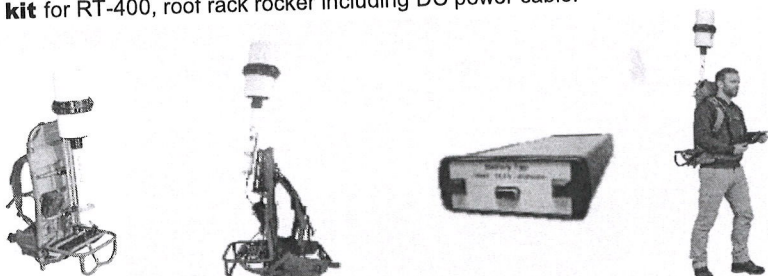
\$3,183

3d RT-8410-004

F4 option: 406,100 - 470,000 MHz, FM, 5 kHz

0

\$2,387

Item	Part Number	Description	QTY	Unit Price US \$	Total Price US \$
<div> <div>Vehicle kit (optional)</div> <div>  </div> </div>					
4a	RT-8420	Vehicle kit for RT-400. Includes: roof mount kit, power cable for AU, Tablet/iPad windshield mount, Spring-magnet legs are optional.	1	\$1,118	\$1,118
4b	RT-1742-2.00	Clamp mount kit for RT-400, roof rack rocker including DC power cable.	0	\$466	
<div> <div>Manpack kit (optional)</div> <div>  </div> </div>					
5a	RT-8415	Manpack kit , customized to carry the RT-400. Includes back frame, tablet/iPad holder.	1	\$1,194	\$1,194
5b	RT-8430	Power pack , type 2, var A, NiMH batteries	1	\$836	\$836
TOTAL					\$13,759

Terms & Conditions: <https://rhothetaint.com/limited-warranty-return-policy/>
Prices: All prices quoted in US Dollars without taxes, duties, freight or insurance
Validity: **90 days**
Payment Type: Check | Credit Card (3% fee) | Wire: Chase Bank RTN 267084131 ACT 228122591 SWIFT BIC CHASUS33
Payment Terms: 100% payment due before shipment
Delivery time: Qty 1 to 4: 4 to 6 weeks ARO | Qty 5 to 14: 6 to 10 weeks ARO
Delivery terms: FOB Murnau Germany or Ft Lauderdale FL USA (depending on availability)
Cancellation: Order cancellation fees apply. <https://rhothetaint.com/limited-warranty-return-policy/>
Warranty: 2 years EXW
ATTENTION! Poor antenna location and radio frequency interference (RFI) can degrade the accuracy and sensitivity of an RDF system. RFI is an electrical disturbance caused by unwanted radio signals and can cause poor RDF reception or even complete disruption. Rhotheta assumes no responsibility for external or "own-ship" interference. Contact Rhotheta for assistance.