

TOWN OF DAVIE TOWN COUNCIL AGENDA REPORT

TO: Mayor and Council Members

FROM/PHONE: John A. George, Chief of Police
Prepared by Angela Rodgers

SUBJECT: Resolution

AFFECTED DISTRICT: All Districts

TITLE OF AGENDA ITEM: A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA, ACCEPTING THE BID FROM DECATUR ELECTRONICS FOR THE PURCHASE OF SPEED ENFORCEMENT EQUIPMENT.

REPORT IN BRIEF:

The Town requested competitive bids for speed enforcement equipment for the Davie Police Department. The Town sent out bid specifications to seven (7) firms. The Town received four (4) responses (3 bids and 1 no bid). The recommendation is for Decatur Electronics who submitted the lowest bid.

PREVIOUS ACTIONS: N/A

CONCURRENCES:

All bids have been reviewed by the Police Department and the Bid Specification Committee consisting of Bill Underwood, Russell Muniz, Bruce Bernard, Mark Kutney and Herb Hyman who have concurred with the decision to award to Decatur Electronics.

FISCAL IMPACT:

Has request been budgeted? No

If yes, expected cost \$ \$20,388.00 (12 units at \$1,699.00 each)

Account Name: Police Department's Law Enforcement Trust Funds Account

Additional Comments: Not applicable

RECOMMENDATION(S):

Motion to approve resolution

Attachment(s):

- Resolution
- Procurement Authorization
- Bid Tabulation
- Recommendation Memo
- Bid from Decatur Electronics
- Incorporation of Decatur Electronics

RESOLUTION _____

A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA, ACCEPTING THE BID FROM DECATUR ELECTRONICS FOR THE PURCHASE OF SPEED ENFORCEMENT EQUIPMENT.

WHEREAS, The Davie Police Department is in need of speed enforcement equipment;
and

WHEREAS, the Town solicited sealed bids for such equipment; and

WHEREAS, after review, the Town Council wishes to accept the bid of Decatur Electronics.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF DAVIE, FLORIDA.

SECTION 1. The Town Council hereby accepts the bid of Decatur Electronics for speed enforcement equipment in the amount of \$20,388.00 (12 units at \$1,699.00 each).

SECTION 2. The Town Council hereby authorizes the expenditure from the Police Department's Law Enforcement Trust Funds Account.

SECTION 3. This resolution shall take effect immediately upon its passage and adoption.

PASSED AND ADOPTED THIS _____ DAY OF _____ 2006.

MAYOR/COUNCIL

MEMBER
ATTEST:

TOWN CLERK

APPROVED THIS _____ DAY OF _____, 2006.

**DAVIE POLICE DEPARTMENT
MEMORANDUM**

**From the Desk of
Lieutenant Coyne**

TO: Captain Richards

DATE: 4-2-6

**SUBJECT: Radar Units - *herb*
*0006-70***

I would like to select Decatur Electronics as the company to purchase radar units from. The company has the lowest bid for single antenna radar units costing \$1,699.00 per unit. Total cost for twelve is \$20,388.00 which is within the proposed budget of \$25,000.00.

Should you approve please pass this recommendation along to Herb Hyman Procurement Manager.

TOWN OF DAVIE PROCUREMENT AUTHORIZATION

ACCOUNT NUMBER.	BUDGET ITEM & DESCRIPTION	APPROXIMATE COST
001-0520-521-0317 <i>FEDERAL FORFEITURE</i>	Radar Units	\$ 25,000.00

METHOD OF PROCUREMENT (check the one that applies)

- Open Competitive Bidding
- Piggyback on Contract Number _____
- Sole Source
- Request For Proposals

SPECIFICATIONS & LIST OF VENDORS MUST BE ATTACHED

Signed _____
Department Head

Have Funds been Reserved REQ. 34245

Date 3/3/06 Signed WA

Signed _____
Town Administrator

BIDS SUBMITTED

VENDOR	COST
DECATUR ELECTRONICS	\$ 20,388.01
KUSTOM SIGNALS	21,468.00
MPH INDUSTRIES	26,340.00
STALKER	NO BID

Signed _____
Procurement Manager

BID SPECIFICATION COMMITTEE'S RECOMMENDATION

Vendor	Cost
DECATUR ELECTRONICS	\$ 20,388.00

BID # B-06-41

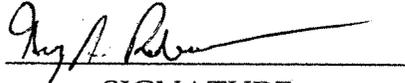
Quantity	Description	Unit Price	Extended Total
<u>12</u>	<u>Radar Units</u>	<u>\$1,699.00</u>	<u>\$ 20,388.00</u>

BIDDER: Decatur Electronics, Inc.

ADDRESS: 715 Bright Street

Decatur, Il 62522

BY:



SIGNATURE

Greg A. Roberts

Please Type or Print Signature Name Here

TITLE: Sales Manager

DATE: 3-17-06

PHONE: 800-428-4315

FAX: 217-428-5302

The bidder MUST submit a completed W-9 form and a completed Vendor/Bidder Disclosure Form with their bid.

Request for Taxpayer Identification Number and Certification

Give form to the requester. Do not send to the IRS.

Print or type
See Specific Instructions on page 2.

Name (as reported on your income tax return) DECATUR ELECTRONICS, INC	
Business name, if different from above	
Check appropriate box: <input type="checkbox"/> Individual/Sole proprietor <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Other	
Address (number, street, and apt. or suite no.) 715 BRIGHT STREET	Requester's name and address (optional)
City, state, and ZIP code DECATUR, IL 62522	
List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Social security number								

or

Employer identification number								
3	7	1	0	8	9	6	6	1

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. person (including a U.S. resident alien).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. (See the instructions on page 4.)

Sign Here

Signature of U.S. person **Michelle D. Zindel**

Date **1-5-05**

Purpose of Form

A person who is required to file an information return with the IRS, must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

U.S. person. Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding,
- or
3. Claim exemption from backup withholding if you are a U.S. exempt payee.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

For federal tax purposes you are considered a person if you are:

- an individual who is a citizen or resident of the United States,
- a partnership, corporation, company, or association created or organized in the United States or under the laws of the United States, or

- any estate (other than a foreign estate) or trust. See Regulation section 301.7701-6(a) for additional information.

Foreign person. If you are a foreign person, use the appropriate Form W-8 (see Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien.

Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the recipient has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement that specifies the following five items:

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.



Certified ISO 9001

March 17, 2006

Davie Town Hall
Purchasing Division
Mr. Herb Hyman, CPPB
6591 Orange Dr
Davie, FL 33314

Re: Bid B-06-41, Police Radar Units
Due: 3/21/06 at 2:00 PM

Dear Mr. Hyman:

Thank you for the opportunity to bid on the Police Radar Units for the City of Davie. We would like to offer you an alternate police radar unit other than what is specified throughout your bid documents. Attached you will find the required bid documents, a color product brochure and a complete list of technical specifications for The SpeedTrak™ Traffic Radar Device.

We would like to make you aware that **Decatur Electronics Inc.**, the leading supplier of radar systems for law enforcement, sports, and special measurement applications, is the **only** radar/video manufacturer that is ISO 9001 certified. Developed by international experts in quality assurance, ISO 9001 is a universally accepted set of standards that define quality assurance levels and provide quality management guidance for product design, development, manufacturing, sales and customer support. Certification is only granted after extensive and comprehensive review of a company's corporate-wide quality infrastructure by third party auditors.

For all practical purposes, the **Decatur Electronics'** products meet the spirit and intent of the specifications included within your bid package. Any deviations from the specifications are minute and reflect the minor differences between similar products manufactured by two different companies. Please refer to our product specifications (included) for a comparison – or give a member of our sales department a call at 800-428-4315 to discuss any concerns you may have.

Again, thank you for the opportunity to serve the City of Davie. We sincerely appreciate your business.

Respectfully,

A handwritten signature in cursive script that reads "Toni Caldwell".

Toni Caldwell
Bid Specialist

Attachments



SpeedTrak™ Traffic Radar Device

The SpeedTrak Radar system has been designed in the year 2000 utilizing all of the latest state of the art Digital Signal Processing (DSP) technology. With the continuous rapid changes in electronics, components keep getting smaller and more powerful. We have utilized this new technology to design the best radar available in the smallest package. By designing our radar with the latest technology, law enforcement input and 50 years of experience, the SpeedTrak Radar system is the "Radar of Choice".

General

- TYPE:** Two-Piece, Moving/Stationary, True Doppler radar system with choice of one or two of the following antenna: Ka-Band, Selective Directional K-Band, or K-Band.
- FREQUENCY:** Ka-band, IACP Type VI
Nominal Transmission Frequency: 33.4 to 36.0 GHz +/- 100MHz
K-Band, IACP Type IV
Nominal Transmission Frequency: 24.150 GHz +/- 50MHz
- BAND SELECTION:** Automatic sensing of Ka-Band, Selective Directional K-Band or K-Band antenna.
- UNITS OF MEASUREMENT:** Miles per Hour or Kilometers (Radar Mode) Yards or Meters (Stopwatch Mode)
- ACCURACY:** Stationary +/- 1 MPH (+/- 2 km/h)
Moving +1/-2 MPH (+2/-3 km/h)
- ENVIRONMENT:** Ambient Operating Temperatures -30 to +70 degrees C
Maximum Humidity 90% relative humidity at 37 degrees C
- INTERNAL COMPONENTS:** 100 percent solid state

POWER REQUIREMENTS: 10.5VDC to 16.5VDC, 1.0 amp max.

REVERSE VOLTAGE PROTECTION: Internal, re-settable fuse

LOW VOLTAGE THRESHOLD: 10.5 VDC with visual warning indicator

TYPICAL POWER REQUIREMENTS: Current Draw with 13.6 VDC applied
Standby, with no display - .60 amp
Transmitting, no targets displayed - .85 amp
Transmitting, Target speed displayed - .95 amp
Transmitting, Target & Patrol displayed - 1.00 amp

Microwave Antenna

K-BAND: Nominal Operating Frequency: 35.5 GHz +/- 100MHz
Nominal Horizontal Beamwidth: 12 degrees +/- 1 degree
Polarization: Circular polarized conical horn
Side Lobes: - 25 dB below main beam
Power Output: 10 mW min, 12 mW nominal, 15 mW max
Maximum Aperture Power Density: < 5 mW/cm²
Microwave Source: Solid State Gunn-Effect Diode
Receiver: Low noise Schottky diode
Length: 3.80 inches
Diameter: 2.12 inches
Weight: 7 ounces
Weather Resistant: Allows outside mounting

K-BAND SELECTIVE DIRECTIONAL AND K-BAND: Nominal Operating Frequency: 24.150 GHz +/- 50MHz
Nominal Horizontal Beamwidth: 12 degrees +/- 1 degree
Polarization: Circular polarized conical horn
Side Lobes: - 25 dB below main beam
Power Output: 5 mW min, 7 mW nominal, 10 mW max
Maximum Aperture Power Density: < 5 mW/cm²
Microwave Source: Solid State Gunn-Effect Diode
Receiver: Low noise Schottky diode
Length: 4.12 inches
Diameter: 3 inches
Weight: 12 ounces
Weather Resistant: Allows outside mounting

Computer Controller/Display

CONFIGURATION: Computer Controller Unit can be separated from Display Unit without the use of any tools. Interconnecting cable allows for operation of Display unit and Computer Controller unit while separated. Mounting bosses on both the Computer Controller unit and Display unit allows for separate mounting. The Computer Controller Unit design consists of a single printed circuit board utilizing surface mounted technology.

COMMUNICATIONS CAPABILITY: Ability to communicate with IBM format PC's, speed signs, in-car video systems, and mobile data terminals. A DB9 connector port for RS232C communications is located on the rear of the Computer Controller Unit.

FIELD UPGRADES: Software upgrades available by computer downloading with flash card technology.

SIGNAL PROCESSING: Digital Signal Processing (DSP) with 32 bit microprocessor performs all internal speed verifications at 100 times per second.

OPERATIONAL PROCESSING: All internal operating functions are controlled by software controlled microprocessor.

INTERNAL TEST: An extensive self test is performed. All LED indicators display segments are illuminated, the software program ROM (Read Only Memory) is verified, internal memory locations RAM (Random Access Memory) in the DSP chip are verified, mathematical processing capability of the DSP chip is verified, the second time base is verified and the presence of the antenna and its operating frequency is verified.

AUTOMATIC SELF-TEST: An automatic self-test is performed every 10 minutes and will display in the menu window either "Test Okay" or "Test Fail". If "Test Fail" is displayed, unit will not operate.

DOPPLER AUDIO: Amplifies true Doppler audio. Operator adjustable with eight audio adjustment levels. In the Moving Mode the Target Speed audio does not vary with Patrol Speed and will increase or decrease in loudness in direct proportion to the signal strength and direction of the target.

**AUDIO SQUELCH/
SQUELCH OVERRIDE:**

In squelch mode the only audio heard is the Doppler tone when a target is present. In Squelch Override mode, the audio will contain all tones including any interference, noise etc. that is present.

SPEED DISPLAYS:

High Brightness multi-color LED's with Operator's choice of manual operator adjustments (6 levels) or automatic photo-cell which adjusts with the ambient light conditions. Patrol Speed/Distance - Green, Target Speed - Amber, Lock/Fast Speed/Time - Red. Simultaneously will display patrol speed, target speed and locked or fast speed.

MENU DISPLAY:

High Brightness four digit LED Red alphanumeric/graphical display for various mode information.

AUTOMATIC CLEAR:

Speed Displays are cleared when any mode of operation is changed by the operator.

SPEED UPDATE:

Target and Patrol speeds are updated a minimum of six times per second once a valid signal is acquired.

**TRAK-THROUGH-
LOCK:**

Instantaneous manual lock with Speed displayed in "Lock" window, target speed continues to be displayed and tracked in "Target" window. Patrol Speed, at the time of lock is stored in memory to allow locked Patrol Speed recall.

RANGE CONTROL:

Allows operator to select and adjust range sensitivity in 5 increments.

**STATIONARY SPEED
DISPLAY RANGE:**

2 mph to 206 mph (24 km/h to 329 km/h)

**MOVING OPPOSITE
PATROL SPEED
RANGE:**

Highway setting: 20 mph to 125 mph (32 km/h to 200 km/h)
Town setting: 5 mph to 90 mph (8 km/h to 144 km/h)

**MOVING TARGET
SPEED RANGE:**

2 mph to closure of 206 (24 km/h to closure of 329 km/h)

FAST SPEED TRAK:

Processes the speed of the next strongest target moving faster than the strongest target and displays the speed in the "Lock/Fast" window. The strongest target continues to be displayed and tracked in the "Target" window. Operates in both the opposite moving mode and stationary mode.

**SAME DIRECTION
MODE:**

Processes speeds of vehicles traveling in the same direction as the patrol vehicle. Patrol Speed Range 20 mph to 90 mph (32 km/h to 144 km/h) for slower target. Fast Target Speed Range 25 mph to 157 mph (40 km/h to 252 km/h). Separation speed must be at least 5 mph (8 km/h) but no greater than 75 % of patrol speed.

**SELECTIVE
DIRECTIONAL
MODE:**

When selective directional antenna is connected to the Computer Controller unit and the unit is in the stationary operating mode the radar has the ability to monitor vehicles going only in one direction, either away or toward the patrol vehicle. The operator may choose which direction of traffic to monitor, either just traffic coming toward the radar or just traffic going away from the radar. A third option, standard stationary mode allows the operator to monitor traffic in both directions but then the radar will display either a "T" or an "A" in the menu window, thus indicating to the operator which direction the vehicle the radar was monitoring was traveling.

**STOPWATCH
MODE:**

Displays calculated speed in the "Target" window, elapsed time in the "Lock/Fast" window and the distance traveled in the "Patrol" window. Elapsed time is displayed in tenth of a second increments and distance is displayed in yard or meters. Distance is manually set from 1 yard (meter) to 999 yards (meters). When in this mode , STPW, will appear in the menu display.

DISPLAY INDICATORS:

Icons in the front of the display indicate the following modes of operation: Mov (Moving), Sta (Stationary), Front (Front antenna selected), Rear (rear antenna selected), Same (same direction selected), Fast (Fast mode selected in either opposite or same direction), Slo (slow mode selected in same direction). Directional arrows will be displayed in the menu window to correlate with the mode of operation.

RFI INDICATION:

RFI, if present, will be displayed in the Menu Display and the unit will not operate.

**LOW VOLTAGE
INDICATION:**

"LowV", if present, will be displayed in the Menu Display and the unit will not operate.

TRANSMIT HOLD:

When the antenna is not transmitting, HOLD will be displayed in the menu window. This mode of operation enables radar detectors from detecting the radar.

**TRAK-THROUGH-
Lock:**

Patrol Speed, at the time of lock is stored in memory to allow locked Patrol Speed recall.

**FAST SPEED LOCK
OPTION:**

Menu selection to turn Fast Lock On or Off. FstL - On; Allows the operator to Lock the Faster Target Speed. FstL - Off; Does not allow the operator to Lock the Faster Target Speed.

**COMPUTER
CONTROLLER
DIMENSIONS:**

Height - 1.45 inches : Depth - 3.0 inches : Width - 5.25 inches :
Weight : less than 1 lb.

**DISPLAY
DIMENSIONS:**

Height - 1.45 inches : Depth - 1.09 inches : Width - 5.25 inches
Weight - 7 ounces

**HAND REMOTE
DIMENSIONS:**

Length - 5.88inches : Height - 1.23 inches: Width - 2.08 inches:
Weight - 7 ounces

Remote Hand Controller

GENERAL:

Corded with connector's on both ends of cable for quick disconnect. Twelve 100 per-cent back lit, color coded and distinctive shaped keys that allow easy identification for the operator. Speaker for Doppler Audio enclosed. Button Functions and shapes are:

- Front Antenna - Triangle with positive dimple
- Rear Antenna - Triangle
- Xmit/Hold and Start/Stop for Stopwatch mode - Round
- Lock/Rel - Rectangle
- Same/Opp and On/Off for Stopwatch Mode- Oval
- Fst/Slo and 1's setting for Stopwatch Mode - Oval
- Mvg/Sta and 10's setting for Stopwatch Mode - Oval
- TwN/Hwy and 100's setting for Stopwatch Mode- Oval
- Vol/SqL - Oval
- Range - Oval
- Test/Menu - Oval
- Dim/PS Oval

POWER CABLE:

6 feet with connector on one end and fused cigar plug with power indicator light or ¼ phono jack

ANTENNA CABLE:

Connector's on both ends, available in 4 ft., 8 ft, 12 ft. and 18 ft. Other lengths may be special ordered.

The above specifications are subject to change without notice.



SpeedTrak

Video Warranty

Decatur Electronics, Inc. products are guaranteed to be free from defects in workmanship and material. If any failure resulting from workmanship or material defects should occur under normal and proper usage within the period stated below from the original provable date of purchase, such failure should be repaired at no cost to the buyer for labor and parts if the defective product(s) is sent to:

Decatur Electronics, Inc.
715 Bright Street
Decatur, IL 62522

During the period of 24 months from the date of sale to the original end-user, Decatur electronics, Inc. will repair or exchange (at our option) all necessary parts, without charging for parts or labor.

THIS Decatur Electronics, Inc. WARRANTY DOES NOT COVER THE FOLLOWING:

- Products received for repair without an RA number.
- Damages caused by incorrect use, carelessness, unauthorized alterations, improper storage or unauthorized service installation or repairs.
- Damages caused by fire, flood, lightening, vandalism, collision, act of God, or other events beyond the control of Decatur Electronics, Inc.
- Physical damage to external parts such as cabinet, and keypad, microphones, and cases.
- Damages resulting from loss of use, loss of time or inconvenience, property damage caused by this unit or its failure to work, or any other incidental or consequential damages.
- Hostile operating environments, in-transit damage claims, and improper handling by carrier or post offices.

72-HOUR WARRANTY

All defective products covered under warranty will be repaired or exchanged with a working replacement within 72 hours of Decatur Electronics' receipt of the defective merchandise. (Decatur Electronics' quick disconnect design provides for easy removal and reinstallation.)

Phone (800) 428-4315
Fax (217) 428-5302



SERVICES PROGRAMS PRESS PUBLICATIONS DEPARTMENTS CONTACT

CORPORATION FILE DETAIL REPORT

Entity Name	DECATUR ELECTRONICS, INC.	File Number	52188288
Status	GOODSTANDING		
Entity Type	CORPORATION	Type of Corp	DOMESTIC BCA
Incorporation Date (Domestic)	10/15/1980	State	ILLINOIS
Agent Name	RANDALL C SANNER	Agent Change Date	10/19/2001
Agent Street Address	715 BRIGHT ST	President Name & Address	ROBERT J SANNER 715 BRIGHT ST DECATUR IL 62522
Agent City	DECATUR	Secretary Name & Address	MICHELLE D ZINDEL RR 2 BOX 89 MOWEAQUA 6255C
Agent Zip	62522-1601	Duration Date	PERPETUAL
Annual Report Filing Date	11/29/2005	For Year	2005
Old Corp Name	11/07/1980 - COURTNEY ANNE CO.		

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