

VILLAGE OF CHATHAM, ILLINOIS

ORDINANCE NO. 10 - 42

AN ORDINANCE APPROVING A PROPOSAL
FOR GPS SURVEY PRO

ADOPTED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF
CHATHAM, ILLINOIS THIS 22ND DAY OF JUNE, 2010

Published in pamphlet form by the authority of the President and
Board of Trustees of the Village of Chatham, Sangamon County,
Illinois, this 22nd day of June, 2010.

ORDINANCE NO. 10-42

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FOR GPS SURVEY PRO

WHEREAS, a Committee of the Village Board met and reviewed the proposal from Seiler, Inc for GPS equipment to identify X, Y, and Z coordinates for infrastructure.

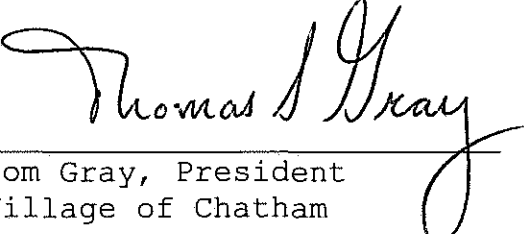
NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF CHATHAM, ILLINOIS, AS FOLLOWS:

SECTION 1: That the proposal dated June 21, 2010 from Seiler for \$13,995 for is hereby approved.

SECTION 2: The Village Manager is hereby authorized to proceed with the required paperwork.

SECTION 3: This Ordinance is effective upon its passage and approval.

PASSED THIS 22nd DAY OF JUNE, 2010


Tom Gray, President
Village of Chatham

ATTEST:


Pat Schad, Village Clerk

AYES: 5 HERR MAU BOYER
5 REYNOLDS SCHATEMAN

NAYS: 0

ABSENT: 1

PASSED: 6-22-10

APPROVED: 6-22-10

ORDINANCE CERTIFICATE

STATE OF ILLINOIS)
) SS.
COUNTY OF SANGAMON)

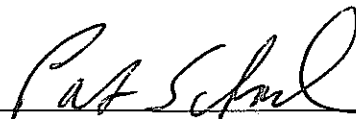
I, the undersigned, do hereby certify that I am the duly qualified and acting Village Clerk of the Village of Chatham, Sangamon County, Illinois.

I do further certify that the Ordinance attached hereto is a full, true, and exact copy of Ordinance No. 10 -42, adopted by the President and Board of Trustees of said Village on the 22nd day of June, 2010, said Ordinance being entitled:

*AN ORDINANCE APPROVING A PROPOSAL
FOR GPS SURVEY PRO*

I do further certify that prior to the making of this certificate, the said Ordinance was spread at length upon the permanent records of said Village, where it now appears and remains.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of said Village this 22nd day of June, 2010.



Pat Schad, Village Clerk



Sales Quotation

Office Locations

Village of Chatham, IL
 Pat McCarthy
 pmccarthy@chathamil.net
 (217) 483-2451 Ext: 229
 (217) 483-3574 (Fax)
 116 East Mulberry St.
 Chatham, IL 62629-1358
 USA

ST. LOUIS
ST. CHARLES
KANSAS CITY
INDIANAPOLIS
CHICAGO
MILWAUKEE
OMAHA

Date Issued: 6/21/2010
 Quote Expiration: 7/21/2010
 Quote Number: 007316

QTY	Part Number	Product Description	Sales Price	Total Price
1	77410-81	EPOCH 35 Rover 450- 470 MHz, 25kHz PROMO	\$13,995.00	\$13,995.00
1	EGL-SYN3JAF- SG	NMD 800X,YEL,NUM,SER, WM6,SURVEY PRO GPS	\$0.00	\$0.00
1	43169-30	Rod - 2.5m Carbon Fiber Telescopic Range Pole without Bipod	\$0.00	\$0.00
1	67201-09	SP Nomad Accessory - Range Pole Bracket	\$0.00	\$0.00
1	5217-04-YEL	BIPOD,TRB,1/2-13SS,UNIVERSAL -Converts a GPS Rover Rod into a tripod -Legs extend to 6 feet for use in uneven terrain	\$0.00	\$0.00
Note:				
Totals				\$13,995.00

Please contact us:
 Terri Rollings
 3433 Tree Court Industrial
 St. Louis, MO 63122
 Phone:(314) 218-6352 Ext _____
 Cell:(314) 409-8695
 trollings@seilerinst.com

This is not an invoice

Taxes and shipping charges are
 not included and may apply

Your signature below acknowledges acceptance of terms and conditions of this quote. Please
 sign and return via fax to: (314) 218-6152

Signed: _____



Sales Quotation

Name: _____ Title: _____

Terms: Net 30 Days

Net 30 upon approved credit, Major credit cards accepted and Financing options available

McCarthy, Patrick

From: Darren Forgy [DForgy@hanson-inc.com]
Sent: Friday, June 11, 2010 8:02 AM
To: McCarthy, Patrick
Cc: Jeff Emrick
Subject: RTK GPS for vertical accuracy
Attachments: 5700_rover1_text.jpg; R8-Rover.jpg

Pat -

Hanson is willing to provide the Village of Chatham with a RTK GPS unit and instruct your qualified designee on the basics of how and where to use the equipment. Along with this rental, we would include technical support with the fee for using our equipment. Hanson can offer the following RTK GPS units to the Village of Chatham for rental:

Option 1) 5700 RTK Rover system with TSC1- \$1,500 per month / \$15,000 per year

This is the older and slower of the systems we could offer for your use. The attached photo shows approximately what it looks like. We would provide the Zephyr antenna, range pole (fixed height 2m), a TSC1 controller (TSCe shown in photo), Trimble 5700 Receiver, receive-only radio (on the pole) and cords and batteries. No backpack is needed and would not be included.

This unit could receive corrections via radio signal from the Sangamon County Base Station whereas no additional units or mobile phone service is required. This unit does not receive signals from GNSS (Russian equivalent of GPS) satellites, so there will be short periods of time when satellite coverage is more sparse than others (slower).

Option 2) R8 GNSS rover system with TSC2 - \$3,500 per month / \$35,000 per year

This is a newer system which can receive correction from the Sangamon County Base (like Option # 1) or from the Trimble VRS Now network (upgraded correction signal) using a data modem. The attached photo shows that with this unit, the GPS receiver is combined with the antenna and radio such that the system is much lighter.

This system will operate faster than Option 1 and will be much less likely to encounter lapses in satellite coverage as it receives additional signal from the GNSS (Russian satellite constellation). This unit is also slightly more accurate when incorporating the data from the Russian satellites. This unit uses Bluetooth signal to communicate and there are no cords to mess with. We would provide the VRS data service (\$2500 yearly subscription) and mobile data phone and service with this unit.

Another option would be for the Village of Chatham to purchase its own RTK GPS rover system for this work. You would need to go through Seiler Instrument Company for this purchase. They typically provide training for a day to the purchaser of new equipment.

Please let me know if you wish to move forward with any of these. I am available to discuss other options if you prefer....

Thank You,



Engineering | Architecture | Planning | Allied Services

Darren E. Forgy, PE, PLS
Project Manager
Hanson Professional Services Inc.
1525 S. Sixth St.
Springfield, IL 62703-2886
Phone: (217) 747-9353