

VILLAGE OF CHATHAM, ILLINOIS

ORDINANCE NO. 00 - 38

AN ORDINANCE APPROVING A BID
FOR GPS EQUIPMENT

ADOPTED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF
CHATHAM, ILLINOIS THIS 11TH DAY OF JULY, 2000

Published in pamphlet form by the authority of the President and
Board of Trustees of the Village of Chatham, Sangamon County,
Illinois, this 11TH day of July, 2000.

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WHEREAS, the Village of Chatham sought and obtained the attached bid for a GPS Mapping System; and

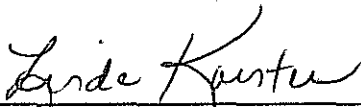
WHEREAS, the Public Works Committee reviewed the proposal and is recommending approval of the proposal.

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

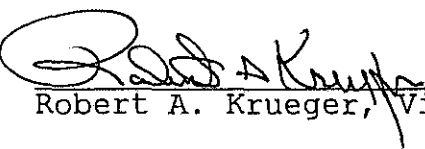
SECTION 1: That the bid from Trimble Navigation Limited for \$10,995.00 to be paid from the Electric Fund is hereby approved.

SECTION 2: This Ordinance is effective upon its passage and approval.

PASSED THIS 11th DAY OF JULY, 2000


Linda L. Koester, President
Village of Chatham

ATTEST:


Robert A. Krueger, Village Clerk

AYES: 5

NAYS: 0

ABSENT: Reynolds

PASSED: 7-11-00

APPROVED: 7-11-00



July 7 2000

Village of Chatham
Chatham, IL
217-483-2451 ph



Trimble Navigation Limited
675-J Tollgate Road
Elgin, IL 60123
(800) 865-9044

(847) 931-0076

(847) 931-0166 Fax

Attn: Del McCord

Ref: GPS Mapping System

Mr. McCord

Based on your request, here is the information on the equipment.

<u>Item Description</u>	<u>Part Number</u>	<u>List Price</u>
GPS / Beacon Pro XR Systems	29756-80-ENG	\$10,995.00

The GPS / Beacon Pro XR systems are data collection systems for GIS and mapping applications. These systems allow you to map features and collect attribute information with submeter accuracy, and also find your way to new or previously located sites easily by using the Pro XR system's real-time differential capabilities. By combining a GPS receiver and MSK beacon differential receiver into a single housing, the Pro XR system offers the user an integrated solution for their mapping needs. The Pro XR systems come with a choice of data collectors running Asset Surveyor software, or with the Windows-based ASPEN software for running on your own pen, notebook, or laptop computer. All systems come with Pathfinder Office, an office processing package for mission planning, data dictionary creation, data transfer, differential correction, and export to your GIS or spatial database. If you do not require real-time differential capabilities, the GPS-only Pro XR system gives you all the capabilities of the GPS/Beacon systems except for the integrated MSK beacon receiver. See section 3.4 for details on these systems.

Pro XR GPS / Beacon System with 2MB TSC1

Manufactured by Trimble to meet the needs of our customers, the TSC1 data collector is rugged and fully waterproof. A large, backlit, graphical screen allows easy viewing in all lighting conditions.

1. Pouch Assembly for Pro XR	31446-21
■ Pro XR/XRS Backpack	39870
■ 12-Channel Pro XR Receiver	38073-11
■ Data / Power Cable	30231-00
■ RTCM / NMEA Cable	30232-00
■ Dual Battery Cable	24333
■ Camcorder Battery (Quantity 4)	17466
■ 3-meter Antenna Cable	22628



<u>Item Description</u>	<u>Part Number</u>	<u>List Price</u>
2. Integrated GPS/Beacon Antenna Lightweight, durable GPS/Beacon antenna for mounting on a rangepole, backpack, or vehicle magnetic mount.		
■ Integrated GPS / Beacon Antenna	29653-00	
■ Antenna Pouch	30610	
■ 1 foot Antenna Pole	31165	
■ 6 inch Antenna Pole	31166	
3. TSC1 Data Collector		
■ TSC1 Data Collector, 2 MB	29673-50	
■ Data Collector Pouch	31040	
4. Trimble Support Module (TSM-PF) Recharges batteries.		
■ Trimble Support Module	38246-00	
■ AC Power Cord	38874	
■ Universal 110V and 230V AC Power Adapter	38483	
■ Null Modem Field Download Cable	18532	
■ TSM to PC Cable, 6 foot	14284	
■ TSM-PF Operation Manual	38856-00-ENG	
5. TSC1 Cables and Accessories		
■ TSC1 Data / External Sensor Cable	32287-00	
■ TSC1 Field Download Cable, Hirose-to-DB9 Female	34326	
■ Pro XR/XRS Hard Case, Backpack Model	39445-00	
6. Pro XR/XRS Receiver Manual	31172-20-ENG	
7. TSC1 Asset Surveyor Software and Documentation Asset Surveyor runs on the TSC1 Data Collector and allows you to control the GPS receiver and record GPS positions and descriptions of geographic features.		
■ TSC1 Asset Surveyor Software User Guide	34183-05-ENG	



ITEM DESCRIPTION

	<i>Part Number</i>	<i>List Price</i>
▪ TSC1 Asset Surveyor Release Notes	34185-05-ENG	
8. Pathfinder Office Software Office processing software. Includes full on-line documentation.	34191-25-ENG	
▪ Pathfinder Office CD-ROM	34194-26	
▪ Pathfinder Office Getting Started Guide	34231-25-ENG	
▪ Mapping Systems General Reference	24177-00	
▪ Pathfinder Office Release Notes	34195-26-ENG	

ACCESSORIES:

- Pro XR/XRS Vehicle Kit 31642-00 \$ 295.00
 Contains a vehicle power to TA3-F battery adapter, magnetic antenna mount, two quick release adapters, and a mounting adapter.
- Pro XR/XRS Centimeter Processing Option 33885-25 \$ 2,995.00

The Pro XR/XRS Centimeter Processing Option, enables Pro XR and Pro XRS users to collect point, line, and area features accurate to 1 centimeter + 5ppm. This option uses carrier-phase data collection techniques with 45 minute continuous satellite lock and a range of less than 10 kilometers from the base station. The Pro XR/XRS Centimeter Processing Options includes an upgrade CD for Pathfinder Office and documentation.

OPTION: Extended Software / Firmware Warranty - 1 Year

PROXRS w/ TSC1 37096-61 \$ 805.00

Cost Summary Tables

Item Description	Quantity	Part Number	List Price	Discount Price
12ch ProXR GPS w/ TSC1	1	29756-80-ENG	\$ 10,995.00	\$ 10,005.00
1 YR SW/FW SUPPORT ProXR	1	37095-61	\$ 805.00	\$ 805.00
TOTAL				\$ 10,810.00



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DEL MCCORD

Warranty Information

There is a one-year warranty on hardware, and a 90-day warranty on firmware, software and batteries.

Trimble/Dealer Onsite Commissioning

Trimble Navigation Ltd.'s local dealer will visit your location and provide onsite assistance in learning how to operate the hardware, firmware and software delivered.

Delivery, Freight Charges & Terms

Delivery time is estimated at 30 days upon receipt of written order. Client is responsible for all freight charges and taxes. Please specify on your order how and where you want the order shipped.

Terms are net 30 days with Trimble Credit Department approval, FOB Sunnyvale, CA. If credit is not approved in advance of the ship date of the order, payment will be required in advance or C.O.D. Please notify your TNL representative or dealer at least one week in advance should you desire advance credit approval

This quote is valid for 30 days.

We appreciate this opportunity to be of service to you and look forward to working with you in the future. Please contact us should you have any questions.

Sincerely,

Trimble Navigation, Ltd.

Jack Calvin

cc: Ed Down - Midwest Regional Manager

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. 00-___, adopted by the President and Board of Trustees of said Village on the 11th day of July, 2000, said Ordinance being entitled:

AN ORDINANCE APPROVING A BID
FOR GPS EQUIPMENT

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 11th day of July, 2000.

Robert A. Krueger, Village Clerk