

VILLAGE OF CHATHAM, ILLINOIS

ORDINANCE NO. 08 - 34

AN ORDINANCE APPROVING A PROPOSAL FOR IBM SYSTEM I
MODEL 515 AND PROFESSIONAL SERVICES

ADOPTED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF
CHATHAM, ILLINOIS THIS 26TH DAY OF AUGUST, 2008

Published in pamphlet form by the authority of the President and
Board of Trustees of the Village of Chatham, Sangamon County,
Illinois, this 26th day of August, 2008.

ORDINANCE NO. 08-34

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MODEL 515 AND PROFESSIONAL SERVICES

WHEREAS, the Village sought a proposal to replace the IBM AS400e purchased in 2000, with a current IBM System I Model 515 to run the village's utility and financial software.

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

SECTION 1: That the following summary, with the proposal dated August 13, 2008 from LRS IT Solutions attached hereto is hereby approved.

IBM System I Hardware	16,406.00
IBM System I Software	9,098.00
Three year Maintenance	6,951.24
IBM 6500-v10 Line Printer	8,995.00
IBM 6500-v10 Maintenance	<u>3,483.00</u>
	44,933.24

SECTION 2: The Director is hereby authorized and directed to complete required documents.

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

PASSED THIS 26th DAY OF AUGUST, 2008



Thomas Gray
Tom Gray, President
Village of Chatham

ATTEST:

Pat Schad BY Karl E. Todd, DEPUTY CLERK
Pat Schad, Village Clerk

AYES: BOYLE, MUGRATH, KAVANAGH
6- HERR, SCHATTEMAN, REYNOLDS
NAYS: 0
ABSENT: 0

PASSED: 8/26/08
APPROVED: 8/26/08

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. 08 - 34, adopted by the President and Board of Trustees of said Village on the 26th day of August, 2008, said Ordinance being entitled:

AN ORDINANCE APPROVING A PROPOSAL FOR IBM SYSTEM I MODEL 515 AND PROFESSIONAL SERVICES

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 26th day of August, 2008.

Pat Schad by *Karl E. Talt*, DEPUTY CLERK
Pat Schad, Village Clerk



Executive Summary

LRS and IBM have teamed up to create an IBM-based solution which will help the Village of Chatham address your current processing requirements and position you for future growth.

Solution

The following table shows a breakdown of the functionality and capacity of an IBM System I Model 515 versus your existing machine:

IBM System i Comparison		
Description	Current System	New System
Model	9406-170	9407-515
System Processor Feature	2290	4901/6011/8327
Relative Performance		
. System (CPW-p)	73	3,800
. Interactive (CPW-i)	20	3,800
System Memory (MB) ¹	576	2,048
RAID Disk Controller	Yes	Yes
Disk Arms	4	4
Disk Capacity - usable (GB)	12	211
Integrated CD-ROM Drive	Yes	Yes (DVD)
Console type	Twinax	Twinax
Twinaxial Workstations Supported	40	40
LAN Adapters		
. 10 Mbps Ethernet	0	0
. 100/10 Mbps Ethernet	1	0
. 1Gbps Ethernet (TCP only)	0	2
Comm Lines		
. V.24	2	0
Tape Subsystems		
. 1/4" Tape Cartridge	4Gb	30Gb

This solution also includes an IBM 6500-v10 Line printer with Intelligent Printer Data Stream (IPDS) capability.

Investment Summary

The following table provides an overview of the expected costs involved with implementing the new system:

DESCRIPTION	PRICE
Proposed - Model 515	
IBM System I Hardware	\$ 16,406.00
IBM System I Software	\$ 9,098.00
Upgrade to 3 year Maintenance	\$ 6,951.24
IBM 6500-v10 Line Printer	\$ 8,995.00
IBM 6500-v10 Maintenance	\$ 3,483.00
Estimated LRS Services (@ \$135/hr)	
TOTAL	\$ 44,933.24

Key Assumptions:

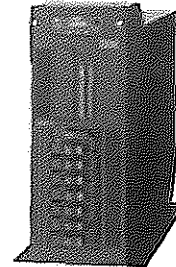
- Currently installed software will be migrated to the new system
- Number of concurrent users is under 20
- Sales tax is assumed not necessary and is not included
- Shipping is not included
- Prices are subject to change.
- LRS reserves the right to withdraw this pricing proposal at any time.
- LRS services subject to terms and conditions of Statement of Work (SOW)
- Leasing offerings are available from IBM Global Finance

SUPPORTING INFORMATION

IBM System i™ 515 Express

Highlights

- Built-in operating system and database
- Built-in virus resistance and security tools
- Built-in backup and recovery tools
- Built-in performance tuning and Web-based management tools
- Built-in Web server
- Optimized for small and mid-sized businesses with up to 40 users



Bottom line

Many small and mid-sized companies are facing the challenge of an overly complex IT environment. As your business grows, your computing needs increase. Implementing new applications may mean adding more servers, which can increase spending and staffing requirements. Now more than ever, you need a system that can help you become more responsive to your customers, improve productivity, operate without interruption and secure your data and systems—all without making large upfront investments in time, skills or money. You need a business system that is there when you need it and grows with your business. The IBM System i™ family can deliver the power and capacity to run multiple business applications on a single system; integrating different functions to simplify your IT environment. Because the System i platform delivers a complete business system with the features and functions you need built in, it can be an extremely cost-effective business system.

By design, the System i family is highly secure and virus resistant. It supports proven, industry-specific solutions from IBM Business Partners with innovative IBM technology and the capability to run numerous popular operating systems and application environments on one system. System i offerings provide flexible pricing with a keen focus on delivering value in your business. The result is a simple, affordable, highly capable solution featuring outstanding price performance, reliability and manageability, legendary security, and the flexibility to start small and grow to meet new business demands.

Common features

- IBM® POWER5+™ processors—the tenth generation of 64-bit processor technology
- Multi-platform operating environment with capability to run i5/OS®, Linux®, IBM AIX 5L™ and application environments such as IBM WebSphere® and Java™
- On demand pricing options help match purchasing flexibility with technology and business needs
- Extensive portfolio of proven solutions available in all operating environments
- Full 5250 OLTP processing capability

Hardware summary

- Includes i5/OS and can add Microsoft Windows¹, Linux and AIX 5L operating systems
- 1-way offering provides up to 3800 CPW, 2-way provides up to 7100 CPW
- Up to 16 GB memory
- Up to 8 disk drives—560 GB of capacity
- 6 PCI-X slots, Up to 12 WAN lines or 8 LANs
- Integrated Ethernet LANs and disk controller
- Integrated DVD-ROM
- Base 2-line WAN

Detailed Configuration

Model	IBM Feature	Description	Qty
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***** HARDWARE *****

9407-515	0000	SERVER 1:9407 MODEL 515 000000000	1
	0041	DEVICE PARITY PROTECTION-ALL	1
	0205	RISC-TO-RISC DATA MIGRATION	1
	0533	V5R4 OS, V5R4M5 MACHINE CODE	1
	0835	#4327/#1267 LOAD SOURCE SPEC	1
	1025	MODEM CABLE - US/CANADA	1
	1827	SERIAL-UPS CONVERSION CABLE	1
	2924	ENGLISH	1
	4400	1GB DDR2 MAIN STORAGE	1
	4746	PCI TWINAXIAL WORKSTN IOA	1
	4901	1W SERV FEAT 515 1X8327	1
	5159	850 WATT POWER SUPPLY	1
	5540	SYS CONSOLE ON TWINAX WSC	1
	5570	5727 CACHE + 2 70GB DISK PKG	1
	6011	515 EXPRESS CONFIGURATION 2	1
	6470	6-FT 125V//15A POWER CORD	2
	7181	EASY-ACCESS FRONT COVER	1
	7885	DESKSIDE	1
	8327	1.9GHZ PROCESSOR	1
	8410	BASE PROC ACTIVATION	1
	9540	BASE DVD-ROM	1
	9548	BASE 1GB MAIN STORAGE	1
	9613	BASE 70.56GB 15K RPM DISK UNIT	2
	9653	BASE 30GB 1/4-INCH CART TAPE	1
	9793	BASE PCI 2-LINE WAN W/MODEM	1
	9844	BASE PCI IOP	1
9910-P15	0000	PERIPHERAL 1:9910-P15 (1050-WATTS)POWERW 000000000	1
	6605	EXTENDED BATTERY MODULE (EBM) FOR P15,P1	1

Detailed Configuration (Cont'd)

***** SOFTWARE *****

5660-QU2	0000	1-YEAR REGISTRATION/RENEWAL FOR 5733-QU2	1
	1020	P05 24X7 SUPPORT	1
	1259	P05 SWMA RENEWAL	1
	2924	ENGLISH U/L SBCS PRIMARY	1
	5809	SUPPLY	1
5722-QU1	0000	IBM QUERY FOR ISERIES 000000000	1
	0482	P05 QUERY - PACKAGE	1
	2924	ENGLISH U/L SBCS PRIMARY	1
	5839	CD-ROM V5R4	1
5722-SS1	0000	I5/OS 000000000	1
	0672	BOTC PSF 1-55	1
	1550	STAMPED SW MEDIA CHARGE	1
	1610	OTC PER PROC I5/OS CHARGED WITH HW (515)	1
	2001	EPOE REGISTRATION	1
	2680	AFP FONT COLLECTION: FONTS FOR OS/400	1
	2924	ENGLISH U/L SBCS PRIMARY	1
	5839	CD-ROM I5/OS V5R4	1
	5845	V5R4M5 MACHINE CODE - RS 545-C	1
	5936	CD-ROM PSF/400 1-55 PPM V5R4	1
	6001	I5/OS PER PROC REGISTRATION (QTY 1)	1
	6104	I5/OS PER USER REGISTRATION (QTY 20)	1
	7030	SETUP AND OPERATIONS CD V5R4	1
5722-SSC	0000	I5/OS PER USER BILLING 000000000	1
	1599	OTC PER 5 USERS (515)	3
	1600	OTC PER 5 BASE USERS (515)	1
5722-ST1	0000	IBM DB2 QUERY MANAGER AND SQL DEVELOPMEN	1
	0488	P05 DB2 QUERY - PACKAGE	1
	2924	ENGLISH U/L SBCS PRIMARY	1
	5839	CD-ROM V5R4	1

Detailed Configuration (Cont'd)

***** SOFTWARE *****

5722-WDS	0000	IBM WEBSHERE DEVELOPMENT STUDIO FOR ISE 000000000	1
	1531	P05 BASIC OTC WEBSHERE - EDITION	1
	2924	ENGLISH U/L SBCS PRIMARY	1
	5839	CD-ROM WEBSHERE DEV STUDIO V5R4	1
5722-XW1	0000	ISERIES ACCESS 000000000	1
	0762	P05 PB REGISTRATION	1
	2924	ENGLISH U/L SBCS PRIMARY	1
	5839	CD-ROM PROCESSOR BASED V5R4	1
5733-ITL	0000	TEMPORARY LICENSE FOR SYSTEM I 000000000	1
	0001	OTC PER MONTH (P05)	1
	2924	ENGLISH U/L SBCS PRIMARY	1
	4001	SW KEY 1ST MT DIGIT V5	9
	4002	SW KEY 2ND MT DIGIT V5	4
	4003	SW KEY 3RD MT DIGIT V5	10
	4004	SW KEY 4TH MT DIGIT V5	6
	4005	SW KEY 1ST CPU DIGIT V5	1
	4006	SW KEY 2ND CPU DIGIT V5	10
	4007	SW KEY 3RD CPU DIGIT V5	4
	4008	SW KEY 4TH CPU DIGIT V5	32
	4009	SW KEY 5TH CPU DIGIT V5	26
	4010	SW KEY 6TH CPU DIGIT V5	24
	4011	SW KEY 7TH CPU DIGIT V5	23
	5010	V5R1	1
	5012	START DATE MONTH	2
	5013	START DATE DAY	18
5014	START DATE YEAR	8	
5809	TEMPORARY KEY LETTER	1	
5919	57XX-SS1 I5/OS MSEF FEATURE	1	

Detailed Configuration (Cont'd)

***** SOFTWARE *****

5733-QU2	0000	IBM WEB QUERY FOR SYSTEM I 000000000	1
	0042	P05 UPG OTC WEB QUERY (FROM 5769/22-QU1)	1
	2924	ENGLISH U/L SBCS PRIMARY	1
	5849	SUPPLY WEB QUERY (V1.1.1)	1
	6345	WEB QUERY USER ENTITLEMENT	2
5733-SPP	0000	IBM SOFTWARE MAINTENANCE FOR I5/OS AND S 000000000	1
	2647	SWMA RENEWAL REGISTRATION	1
	2935	MULTILINGUAL LANGUAGE	1
	4907	P05 0PRICE PER PROC 1YR REG	1
	4909	P05 REGISTRATION/RENEWAL 24X7	1
	5829	SUPPLY MEDIA	1

***** PRINTER *****

6500-v10		Line Matrix Printer v10	1
	FC4277/6500	Ethernet 10/100BaseT NIC - Initial	1
	FC4861/6500	IPDS	1
	FC6650/6500	Twelve-Pack Printer Ribbons - Mandated Feature	1