BOARD OF COUNTY COMMISSIONERS
SARPY COUNTY, NEBRASKA

RESOLUTION AUTHORIZING CHAIRMAN TO SIGN INTERLOCAL AGREEMENT WITH CITY OF PAPILLION FOR HOSTED SERVICES

WHEREAS, pursuant to Neb. Rev. Stat. § 23-104(6), the County has the power to do all acts in relation to the concerns of the County necessary to the exercise of its corporate powers; and,

WHEREAS, pursuant to Neb. Rev. Stat. § 23-103, the powers of the County as a body are exercised by the County Board; and,

WHEREAS, the Interlocal Cooperation Act of the State of Nebraska, Neb. Rev. Stat. §§ 13-801 et seq., enables separate political subdivisions of the State to cooperate on the basis of mutual advantage to provide for joint undertakings, services, and facilities, in a manner and pursuant to forms governmental organization that will accord with best geographic, economic, population, and other factors influencing the needs and developments of local communities; and,

WHEREAS, the City of Papillion and Sarpy County desire to enter into an Interlocal Agreement for hosted services, to be provided by Sarpy County’s Information Systems as described in the Agreement, attached hereto; and,

WHEREAS, the proposed Interlocal Agreement was passed and approved by the Papillion City Council on September 18, 2018.

NOW, THEREFORE, BE IT RESOLVED BY THE SARPY COUNTY BOARD OF COMMISSIONERS THAT the Chairman of this Board is hereby authorized to sign the attached Interlocal Agreement with City of Papillion for Hosted Services, along with any related documents, the same being approved by the Board.

The above Resolution was approved by a vote of the Sarpy County Board of Commissioners at a public meeting duly held in accordance with applicable law on the 2nd day of October, 2018.

Attest

[Signature]
Sarpy County Board Chairman

[Signature]
for County Clerk

[Signature]
Chief Deputy
MEMORANDUM

To: County Board  
From: Mark L. Walters, Information Systems Director  
Subject: Hosted Services, Interlocal for Papillion and La Vista  
Date: September 28, 2018

At the October 2, 2018 Board meeting there will be two (2) interlocal agreements for Hosted Services effective October 1, 2018. The City of La Vista and City of Papillion have signed new agreements to continue to have the County provide hosted services. Hosted services are servers that are provisioned to meet the demands of the use of the server. Provisioned components are CPU, Memory, and Disk Storage. Bandwidth is a set fee for connectivity to the County’s equipment.

Sarpy County Information Systems began hosting servers for the City of La Vista in October 2014 and the City of Papillion in April 2016. Both of the previous Interlocal Agreements have expired, however, the previous agreement terms were continued. The gap between agreements was created as Information Systems was in the process of refreshing the Virtual Environment and would need to be able to adjust the price of the hosted service costs appropriately.

The table below shows the difference in the per unit pricing of the various hosted services. The cost of CPU remained the same, the cost of memory decreased slightly and the cost of storage increased slightly. The cost of storage is higher because the new virtual environment uses solid-state drive (SSD) technology instead of spinning disk.

Pricing of the resources are as follows:

<table>
<thead>
<tr>
<th>Hosted Service Pricing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item</td>
</tr>
<tr>
<td>CPU</td>
</tr>
<tr>
<td>Memory</td>
</tr>
<tr>
<td>Storage</td>
</tr>
<tr>
<td>Bandwidth</td>
</tr>
</tbody>
</table>
The impact on the price changes will increase the City of Papillion’s costs by approximately $750 per year and decrease the City of La Vista’s by approximately $500 per year. These estimates are utilizing current usage and changes to provisioning will change these estimates.

Information Systems has attempted to size the virtual environment for a five (5) year life. Below are the current usage by each hosted agency and the percentage of resources they are using of the virtual environment. At this time both agencies consume approximately 10-15% of the County’s virtual environment.

<table>
<thead>
<tr>
<th>Hosted Usage and Percentage of Virtual Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>-------------------</td>
</tr>
<tr>
<td>CPU (core)</td>
</tr>
<tr>
<td>Memory (GB)</td>
</tr>
<tr>
<td>Disk Storage (TB)</td>
</tr>
</tbody>
</table>

If you have any questions or concerns please contact me @ 402-593-2325 or mark@sarpy.com.
INTERLOCAL AGREEMENT WITH CITY OF PAPILLION FOR HOSTED SERVICES

THIS AGREEMENT is entered by and between the City of Papillion, Nebraska, a municipal corporation ("City") and Sarpy County, a political subdivision of the State of Nebraska.

WHEREAS, the parties are authorized by the statutes of the State of Nebraska; including the Interlocal Cooperation Act, Neb. Rev. Stat. § 13-801 et seq. as amended, to enter into cooperative agreements for the mutual benefit of the parties and to provide services in a manner that will accord best with geographic, economic, population, and other factors influencing the needs and development of local communities; and

WHEREAS, the parties desire to enter into an Interlocal agreement whereby Sarpy County shall provide technological services to the City, more specifically described herein.

NOW, THEREFORE, it is mutually agreed between the parties that they enter into this Agreement upon the following terms and conditions:

I. PURPOSE

The purpose of this Agreement is to establish the obligations of the parties with regard to hosted CPU, hosted storage, and hosted memory (hereinafter collectively referred to as "Hosted Services") provided by Sarpy County to City.

II. DURATION/TERMINATION

This Agreement shall begin October 1, 2018. Either party may terminate this Agreement prior to that date by providing ninety (90) days advanced notice to the other party.

III. GENERAL ORGANIZATION

No separate legal or administrative entity will be created hereunder. Existing agents of the respective parties will complete the terms of this Agreement.
IV. PRICING

1. The following prices shall apply to the Hosted Services provided under this Agreement:

<table>
<thead>
<tr>
<th>Pricing—Chart A</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU Core</td>
<td>$25.00</td>
</tr>
<tr>
<td>Memory GB</td>
<td>$3.00</td>
</tr>
<tr>
<td>Storage GB</td>
<td>$0.30</td>
</tr>
<tr>
<td>Bandwidth Connection</td>
<td>$100.00</td>
</tr>
</tbody>
</table>

2. The cost of the recommended Hosted Services are from the current usage in April 2018, and are described below in “Recommended Services—Chart B.” These services are more specifically described in Attachment “1.”

<table>
<thead>
<tr>
<th>Recommended Services—Chart B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated Cost (per month)</td>
</tr>
<tr>
<td>------------------------------------------------</td>
</tr>
<tr>
<td>Units Required</td>
</tr>
<tr>
<td>----------------</td>
</tr>
<tr>
<td>CPU</td>
</tr>
<tr>
<td>Memory</td>
</tr>
<tr>
<td>Storage</td>
</tr>
<tr>
<td>Bandwidth</td>
</tr>
<tr>
<td>Total</td>
</tr>
</tbody>
</table>

V. DUTIES

1. HOSTED CPU

a. Hosted CPU. Sarpy County will provide to the City a hosted configuration in a Virtual Environment, more specifically described in Attachment “1.”

b. Additional Hosted CPU. Sarpy County will provide additional hosted CPU services as requested by the City using the same pricing and units as stated Section IV “Pricing—Chart A.” All requests must be in writing (or email to hosting@sarpy.com). Adjustments made before the 15th day of a month will be considered an entire month for billing, any request on or after the 15th day will be billed the next month.

2. HOSTED STORAGE

a. Hosted Storage. Sarpy County will provide to the City hosted storage configuration in a Virtual Environment, more specifically described in Attachment “1.”
b. **Additional Hosted Storage.** Sarpy County will provide additional hosted storage services as requested by the City using the same pricing and units as stated in Section VI, "Pricing—Chart A." All requests must be in writing (or email to hosting@sarpy.com). Adjustments made before the 15th day of a month will be considered an entire month for billing, any request on or after the 15th day will be billed the next month.

3. **HOSTED MEMORY**

a. **Hosted Memory.** Sarpy County will provide to the City hosted memory configuration in a Virtual Environment, more specifically described in Attachment “A.”

b. **Additional Hosted Memory.** Sarpy County will provide additional hosted memory services as requested by the City using the same pricing and units as stated in Section VI, "Pricing—Chart A." All requests must be in writing (or email to hosting@sarpy.com). Adjustments made before the 15th day of a month will be considered an entire month for billing, any request on or after the 15th day will be billed the next month.

4. **TEMPORARY RESOURCES**

Temporary resources are generally requested/required during conversions, upgrades, or testing.

a. Sarpy County will provide additional Hosted Services on a temporary basis provided that Sarpy County can allocate such resources without impacting the operation of other systems. "Temporary" will be considered less than 15 consecutive days. It is in Sarpy County's absolute discretion to determine whether it will provide temporary resources.

b. Temporary resources may require the restarting/interruption of services to implement.

5. **OWNERSHIP**

a. **Server and Application Software.** The City is responsible for all licenses for Server and Application Software (ex. Windows Server, SQL Server, Symantec Anti-Virus).

b. **Virtual Environment and Storage Software.** Sarpy County will provide and maintain all licenses required to perform the Virtual Environment and Storage for the City.
6. **CONNECTIVITY**

a. **County to City Connectivity.** Sarpy County will provide to the City a 1 GB Fiber Connection between the City Hall and the Sarpy County Courthouse. This connectivity is provided by a third-party vendor. See, Section IV, “Pricing—Chart A.”

b. **Connectivity Failure.** Sarpy County does not guarantee connectivity between the County and City as it is beyond the control of Sarpy County.

7. **REDUNDANCY**

a. The virtual environment is hosted on hardware that is built with redundancy.

b. **Warm Site.** Sarpy County will provide a warm site for Hosted Services and Storage that will be maintained at an alternate location (not at the Courthouse).

c. **Warm Site Response Time.** Warm Site startup may take up to 4 hours.

8. **BACKUP, FILE RECOVERY, AND DISASTER RECOVERY**

The City shall continue to maintain, at its own cost, an Online Backup Provider that will enable the City to have additional Server and Data Storage Backup (“Online Backup”), File Recovery and Disaster Recovery Services in the event that the Sarpy County Primary and Warm Site are both unavailable to provide the City service. Below are the items that Sarpy County will assist the City in obtaining and configuring.

a. **Online Backup.** Sarpy County will work with the City to provide an Online Backup Provider that would allow the City to maintain a copy of Server and Data Storage to a location outside of the Omaha area.

b. **File Recovery.** Sarpy County will submit to the Online Service any requests for File Recovery for the City or perform the actual file recovery, depending on the service setup by the City.

c. **Disaster Recovery.** Sarpy County will work with the City to utilize Disaster Recovery Solutions from the Online Backup Provider should a need arise.

d. **Disaster Recovery Priority.** SCIS will allocate all available resources to aid all entities it supports in resuming system functions by priority of service, regardless of the entity. Example: Public Safety systems for a City would be higher priority than building permits for the County.
9. INVOICES AND PAYMENT

For the services described herein, Sarpy County shall provide the City with a quarterly invoice. Said invoice shall be based upon a monthly calculation of services. Payment is due in full within thirty (30) days of receipt.

10. OTHER OBLIGATIONS

Pursuant to Neb. Rev. Stat. § 13-804(5), the parties hereto acknowledge and agree that this Agreement does not relieve them from any obligation or responsibility imposed upon them by law.

11. NO PERSONAL INTEREST

The parties hereto declare that no officer, member, or employee, and no member of their governing bodies, and no other public officials of a party who exercise any functions or responsibilities in the review or approval of the undertaking described in this Agreement or in the performing of either parties' obligations pursuant to this Agreement, nor any partnership, or association in which he or she is directly or indirectly interested, shall have any personal or financial interest in this Agreement; nor shall any employee, nor any member of their governing bodies, have any interest, direct or indirect, in this Agreement or the proceeds thereof.

12. SEVERABILITY

It is understood and agreed by the parties that if any part, term, condition or provision of this Agreement is held to be illegal or in conflict with the laws of this State or of the United States, the validity of the remaining terms, conditions, or provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain that particular term, condition, or provision held to be invalid.

13. DRUG FREE WORKPLACE

The parties hereto certify that they maintain a drug-free workplace environment to ensure worker safety and workplace integrity.

14. PUBLIC EMPLOYER

Pursuant to and in compliance with Neb. Rev. Stat. § 4-114(2), each party hereby agrees to use a federal immigration verification system, as that system is described in the Illegal Immigration Reform and Immigration Responsibility Act of 1996, to determine the work eligibility status of new employees physically performing services with the State of
Nebraska

15. NON-DISCRIMINATION

The parties hereto agree that they and their contractors and subcontracts will not discriminate against any employee or applicant for employment to be employed in the performance of the obligations under this Agreement, on the basis of race, color, religion, sex, disability, or national origin.

16. NOTICE

Notice to the parties shall be given in writing to the agents for each party named below.

Sarpy County:
Clerk of Sarpy County
1210 Golden Gate Drive, Suite 1250
Papillion, NE 68046

City of Papillion
City Clerk
122 East 3rd St
Papillion, NE 68046
IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year as last written below.

CITY OF PAPILLION, NEBRASKA

By: David P. Brack

Mayor

Date: 9-18-18

COUNTY OF SARPY, NEBRASKA
By the Sarpy County Board of Commissioners

David K. Kelly
Chairman

Date: 10/2/18

Approved as to form:

Deputy Sarpy County Attorney
Attachment “1”

Current City Servers Hosted Usage (April 2018)

<table>
<thead>
<tr>
<th>Server</th>
<th>CPU Core's</th>
<th>Memory (GB)</th>
<th>Storage Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>File/Print Sharing</td>
<td>2</td>
<td>4</td>
<td>1355</td>
</tr>
<tr>
<td>Permits</td>
<td>1</td>
<td>2</td>
<td>40</td>
</tr>
<tr>
<td>Database</td>
<td>4</td>
<td>12</td>
<td>579</td>
</tr>
<tr>
<td>Golf Apps</td>
<td>2</td>
<td>8</td>
<td>98</td>
</tr>
<tr>
<td>Law</td>
<td>2</td>
<td>4</td>
<td>400</td>
</tr>
<tr>
<td>Email</td>
<td>4</td>
<td>16</td>
<td>410</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>15</strong></td>
<td><strong>42</strong></td>
<td><strong>2493</strong></td>
</tr>
</tbody>
</table>