

**JANNA SYSTEMS INC.**  
**MATERIAL CHANGE REPORT**

Form 27 - *Securities Act* (Ontario)

**1. Reporting Issuer**

Janna Systems Inc. ("Janna")  
3080 Yonge Street  
Suite 6020  
Toronto, Ontario  
M4N 3N1

**2. Date of Material Change**

September 20, 1999

**3. Press Release**

A press release was distributed to Canada NewsWire on September 20, 1999.

**4. Summary of Material Change**

Janna Systems Inc. today announced it has entered into an agreement to acquire all of the shares of LivePage Corporation ("LivePage"), a leading supplier of Web content management and personalization software.

**5. Full Description of Material Change**

Janna will acquire all of the shares of LivePage in exchange for up to 3,250,000 common shares of Janna. Each LivePage shareholder may elect to receive \$6.00 cash in lieu of one Janna common share for up to 15% of the Janna shares to which they are entitled (subject to a maximum aggregate cash amount of \$1,856,000). The acquisition of LivePage is expected to close on October 1, 1999.

LivePage provides software to deliver Enterprise Information Portals that improve customer service and increase productivity by providing effective access to corporate information. LivePage is a privately held company headquartered in Waterloo, Ontario, Canada.

**6. Reliance on Confidentiality Provisions of Securities Legislation**

Not applicable.

7. **Omitted Information**

No significant facts remain confidential in, and no information has been omitted from, this report.

8. **Senior Officers**

For further information please contact Errol Singer, Vice-President, Finance and Chief Financial Officer, at (416) 483-7711.

9. **Statement of Senior Officer**

The foregoing accurately discloses the material change referred to herein.

DATED at Toronto, Ontario, this 24th day of September, 1999.

*“Errol Singer”*

Errol Singer  
Vice-President, Finance and Chief Financial Officer  
Janna Systems Inc.