

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

Effective August 23, 2010, Pharma-Bio Serv, Inc. (the "Company") amended the Employment Agreement of Elizabeth Plaza, President and Chief Executive Officer of the Company, dated January 2, 2008, as amended. The amendment extends Ms. Plaza's employment term until January 2, 2011, and such term will automatically renew for successive periods of twelve months thereafter, unless renewal is declined by the Company or Ms. Plaza no less than sixty days before the end of any renewal term.

A copy of the amendment is attached as Exhibit 10.1 to this report and is incorporated herein by this reference.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
10.1	Sixth Employment Agreement Amendment, effective as of August 23, 2010, by and between the Company and Elizabeth Plaza.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: August 27, 2010

PHARMA-BIO SERV, INC.

/s/ Elizabeth Plaza
Elizabeth Plaza,
President and Chief Executive Officer
(principal executive officer)

Exhibit Index

Exhibit No.	Description
10.1	Sixth Employment Agreement Amendment, effective as of August 23, 2010, by and between the Company and Elizabeth Plaza.