SENATE COMMITTEE OF REFERENCE REPORT

_______________________________ April 3, 2019
Chair of Committee Date

Committee on Business, Labor, & Technology.

After consideration on the merits, the Committee recommends the following:

SB19-169 be amended as follows, and as so amended, be referred to the Committee on Appropriations with favorable recommendation:

Amend printed bill, page 4, after line 11 insert:

"SECTION 2. In Colorado Revised Statutes, add 24-37.5-116 as follows:

24-37.5-116. Major information technology projects - project management and metrics. (1) (a) The office shall ensure that every major information technology project has a project manager in the office. The office and the state agency that is a party to the contract for the major information technology project shall ensure that the project manager from the office is regularly involved in the management of the project. The project manager for each major information technology project is required to develop, in coordination with the state agency that is a party to the contract for a major information technology project, applicable project baseline metrics for the project as specified in subsection (1)(b) of this section to be used to track the progress of the project. The project manager for each major information technology project shall obtain approval for the project baseline metrics from the state agency that is a party to the contract for the major information technology project. The office shall ensure that the contractor does not begin work on a major information technology project until the project manager has developed the baseline metrics for the project and the baseline metrics have
BEEN APPROVED BY THE STATE AGENCY THAT IS A PARTY TO THE
CONTRACT FOR THE PROJECT.

(b) The project manager for a major information
technology project is required to develop baseline metrics for
the project that include, but need not be limited to:

(I) The project scope, including a statement of the
products, services, and results that a project is required to
deliver;

(II) The project schedule, including the planned dates for
significant milestones for a project;

(III) The project budget, including the authorized
estimated budget for all phases of the project; and

(IV) The expected and acceptable quality of the project.

(2) (a) The office shall develop, in cooperation with the
state agency that is a party to the contract for a major
information technology project, performance indicators for the
project to be used to monitor the project. The performance
indicators shall include quantitative metrics to assess
variations in the baseline metrics for a project, such as a
schedule and cost performance measurements. The office, in
coordination with the state agency that is a party to the
contract for a major information technology project, shall
also establish quantitative critical success factors to track
the success of each major information technology project.

(b) If the office chooses to use color levels as
performance indicators, the office shall include a definition of
each color level and shall specify the performance indicator
value used to assign the color level.

(c) The office shall create and maintain on its website a
user-friendly, public-facing data visualization tool that
provides an analysis and visual representation of the
performance indicators that it develops pursuant to this
section.

(3) (a) After the project manager has obtained approval
for the project baseline metrics from the applicable state
agency pursuant to subsection (1) of this section, the project
manager shall provide the following to the Joint Technology
Committee:

(I) The approved baseline metrics that will be used to
track the progress of the project;

(II) The performance indicators that will be used to assess
VARIATIONS IN THE BASELINE METRICS FOR THE PROJECT; AND

(III) THE QUANTITATIVE CRITICAL SUCCESS FACTORS THAT WILL
BE USED TO TRACK THE SUCCESS OF THE PROJECT.

(b) IF A PROJECT MANAGER FOR A MAJOR INFORMATION
TECHNOLOGY PROJECT MODIFIES THE PERFORMANCE INDICATORS FOR THE
PROJECT DURING THE DURATION OF THE PROJECT, THE PROJECT MANAGER
SHALL NOTIFY THE JOINT TECHNOLOGY COMMITTEE OF THE CHANGE AND
SHALL PROVIDE THE UPDATED PERFORMANCE INDICATORS TO THE
COMMITTEE.

(4) (a) AFTER THE PROJECT MANAGER HAS PROVIDED THE
BASELINE METRICS, PERFORMANCE INDICATORS, AND CRITICAL SUCCESS
FACTORS FOR A MAJOR INFORMATION TECHNOLOGY PROJECT TO THE JOINT
TECHNOLOGY COMMITTEE PURSUANT TO SUBSECTION (3) OF THIS SECTION,
THE OFFICE SHALL CREATE QUARTERLY STATUS REPORTS REGARDING THE
MAJOR INFORMATION TECHNOLOGY PROJECT USING THE PERFORMANCE
INDICATORS THAT WERE SPECIFIED FOR THE PROJECT BY THE PROJECT
MANAGER. THE OFFICE SHALL PROVIDE THE QUARTERLY STATUS REPORT
FOR EACH MAJOR INFORMATION PROJECT TO THE JOINT TECHNOLOGY
COMMITTEE AND SHALL INCLUDE IN THE REPORT THE BUDGET SPECIFIED
IN THE PROJECT BASELINE METRICS, THE COMMITTED BUDGET FOR THE
PROJECT TO DATE, AND THE AMOUNT THAT HAS BEEN SPENT ON THE
PROJECT TO DATE.

(b) IF THE QUARTERLY STATUS REPORT FOR A MAJOR INFORMATION
TECHNOLOGY PROJECT INDICATES THAT THE PROJECT IS UNLIKELY TO
ACHIEVE THE PERFORMANCE INDICATORS ESTABLISHED FOR THE PROJECT,
THE OFFICE SHALL PLACE THE PROJECT ON A LIST FOR MORE INTENSE
MONITORING.

(c) IN THE COURSE OF MONITORING MAJOR INFORMATION
TECHNOLOGY PROJECTS THE OFFICE SHALL DETERMINE WHETHER THERE
IS A NEED FOR CORRECTIVE ACTION FOR THE PROJECT. IF THE OFFICE
DETERMINES THAT THE PROJECT IS NOT IN COMPLIANCE WITH THE
ESTABLISHED BASELINE METRICS FOR THE PROJECT, THAT THE VARIANCES
IN THE ESTABLISHED PERFORMANCE INDICATORS OR SUCCESS FACTORS
ESTABLISHED FOR THE PROJECT ARE INTOLERABLE, OR THAT THE PROJECT
IS OTHERWISE IN NEED OF CORRECTIVE ACTION, THE OFFICE SHALL NOTIFY
THE STATE AGENCY THAT IS A PARTY TO THE CONTRACT FOR THE PROJECT
OF THE OFFICE'S RECOMMENDED CORRECTIVE ACTION FOR THE PROJECT.".

Renumber succeeding sections accordingly.

Page 4, lines 12 and 13, strike "and 24-103-406".

*SB169_S BLT.001* -3-
1 Page 4, strike lines 14 through 27.

2 Strike page 5.

3 Page 6, strike lines 1 through 21.

4 Page 6, line 22, strike "24-103-406." and substitute "24-103-405.".

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