

SENATE COMMITTEE OF REFERENCE AMENDMENT

Committee on Business, Labor, & Technology.

SB19-169 be amended as follows:

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

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

4 **24-37.5-116. Major information technology projects - project**  
5 **management and metrics.** (1) (a) THE OFFICE SHALL ENSURE THAT  
6 EVERY MAJOR INFORMATION TECHNOLOGY PROJECT HAS A PROJECT  
7 MANAGER IN THE OFFICE. THE OFFICE AND THE STATE AGENCY THAT IS A  
8 PARTY TO THE CONTRACT FOR THE MAJOR INFORMATION TECHNOLOGY  
9 PROJECT SHALL ENSURE THAT THE PROJECT MANAGER FROM THE OFFICE  
10 IS REGULARLY INVOLVED IN THE MANAGEMENT OF THE PROJECT. THE  
11 PROJECT MANAGER FOR EACH MAJOR INFORMATION TECHNOLOGY PROJECT  
12 IS REQUIRED TO DEVELOP, IN COORDINATION WITH THE STATE AGENCY  
13 THAT IS A PARTY TO THE CONTRACT FOR A MAJOR INFORMATION  
14 TECHNOLOGY PROJECT, APPLICABLE PROJECT BASELINE METRICS FOR THE  
15 PROJECT AS SPECIFIED IN SUBSECTION (1)(b) OF THIS SECTION TO BE USED  
16 TO TRACK THE PROGRESS OF THE PROJECT. THE PROJECT MANAGER FOR  
17 EACH MAJOR INFORMATION TECHNOLOGY PROJECT SHALL OBTAIN  
18 APPROVAL FOR THE PROJECT BASELINE METRICS FROM THE STATE AGENCY  
19 THAT IS A PARTY TO THE CONTRACT FOR THE MAJOR INFORMATION  
20 TECHNOLOGY PROJECT. THE OFFICE SHALL ENSURE THAT THE  
21 CONTRACTOR DOES NOT BEGIN WORK ON A MAJOR INFORMATION  
22 TECHNOLOGY PROJECT UNTIL THE PROJECT MANAGER HAS DEVELOPED THE  
23 BASELINE METRICS FOR THE PROJECT AND THE BASELINE METRICS HAVE  
24 BEEN APPROVED BY THE STATE AGENCY THAT IS A PARTY TO THE  
25 CONTRACT FOR THE PROJECT.

26 (b) THE PROJECT MANAGER FOR A MAJOR INFORMATION  
27 TECHNOLOGY PROJECT IS REQUIRED TO DEVELOP BASELINE METRICS FOR  
28 THE PROJECT THAT INCLUDE, BUT NEED NOT BE LIMITED TO:

29 (I) THE PROJECT SCOPE, INCLUDING A STATEMENT OF THE  
30 PRODUCTS, SERVICES, AND RESULTS THAT A PROJECT IS REQUIRED TO  
31 DELIVER;

32 (II) THE PROJECT SCHEDULE, INCLUDING THE PLANNED DATES FOR  
33 SIGNIFICANT MILESTONES FOR A PROJECT;

34 (III) THE PROJECT BUDGET, INCLUDING THE AUTHORIZED  
35 ESTIMATED BUDGET FOR ALL PHASES OF THE PROJECT; AND

36 (IV) THE EXPECTED AND ACCEPTABLE QUALITY OF THE PROJECT.

37 (2) (a) THE OFFICE SHALL DEVELOP, IN COOPERATION WITH THE  
38 STATE AGENCY THAT IS A PARTY TO THE CONTRACT FOR A MAJOR  
39 INFORMATION TECHNOLOGY PROJECT, PERFORMANCE INDICATORS FOR THE  
40 PROJECT TO BE USED TO MONITOR THE PROJECT. THE PERFORMANCE

1 INDICATORS SHALL INCLUDE QUANTITATIVE METRICS TO ASSESS  
2 VARIATIONS IN THE BASELINE METRICS FOR A PROJECT, SUCH AS A  
3 SCHEDULE AND COST PERFORMANCE MEASUREMENTS. THE OFFICE, IN  
4 COORDINATION WITH THE STATE AGENCY THAT IS A PARTY TO THE  
5 CONTRACT FOR A MAJOR INFORMATION TECHNOLOGY PROJECT, SHALL  
6 ALSO ESTABLISH QUANTITATIVE CRITICAL SUCCESS FACTORS TO TRACK  
7 THE SUCCESS OF EACH MAJOR INFORMATION TECHNOLOGY PROJECT.

8 (b) IF THE OFFICE CHOOSES TO USE COLOR LEVELS AS  
9 PERFORMANCE INDICATORS, THE OFFICE SHALL INCLUDE A DEFINITION OF  
10 EACH COLOR LEVEL AND SHALL SPECIFY THE PERFORMANCE INDICATOR  
11 VALUE USED TO ASSIGN THE COLOR LEVEL.

12 (c) THE OFFICE SHALL CREATE AND MAINTAIN ON ITS WEBSITE A  
13 USER-FRIENDLY, PUBLIC-FACING DATA VISUALIZATION TOOL THAT  
14 PROVIDES AN ANALYSIS AND VISUAL REPRESENTATION OF THE  
15 PERFORMANCE INDICATORS THAT IT DEVELOPS PURSUANT TO THIS  
16 SECTION.

17 (3) (a) AFTER THE PROJECT MANAGER HAS OBTAINED APPROVAL  
18 FOR THE PROJECT BASELINE METRICS FROM THE APPLICABLE STATE  
19 AGENCY PURSUANT TO SUBSECTION (1) OF THIS SECTION, THE PROJECT  
20 MANAGER SHALL PROVIDE THE FOLLOWING TO THE JOINT TECHNOLOGY  
21 COMMITTEE:

22 (I) THE APPROVED BASELINE METRICS THAT WILL BE USED TO  
23 TRACK THE PROGRESS OF THE PROJECT;

24 (II) THE PERFORMANCE INDICATORS THAT WILL BE USED TO ASSESS  
25 VARIATIONS IN THE BASELINE METRICS FOR THE PROJECT; AND

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

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

34 (4) (a) AFTER THE PROJECT MANAGER HAS PROVIDED THE  
35 BASELINE METRICS, PERFORMANCE INDICATORS, AND CRITICAL SUCCESS  
36 FACTORS FOR A MAJOR INFORMATION TECHNOLOGY PROJECT TO THE JOINT  
37 TECHNOLOGY COMMITTEE PURSUANT TO SUBSECTION (3) OF THIS SECTION,  
38 THE OFFICE SHALL CREATE QUARTERLY STATUS REPORTS REGARDING THE  
39 MAJOR INFORMATION TECHNOLOGY PROJECT USING THE PERFORMANCE  
40 INDICATORS THAT WERE SPECIFIED FOR THE PROJECT BY THE PROJECT  
41 MANAGER. THE OFFICE SHALL PROVIDE THE QUARTERLY STATUS REPORT  
42 FOR EACH MAJOR INFORMATION PROJECT TO THE JOINT TECHNOLOGY  
43 COMMITTEE AND SHALL INCLUDE IN THE REPORT THE BUDGET SPECIFIED

1 IN THE PROJECT BASELINE METRICS, THE COMMITTED BUDGET FOR THE  
2 PROJECT TO DATE, AND THE AMOUNT THAT HAS BEEN SPENT ON THE  
3 PROJECT TO DATE.

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

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

19 Renumber succeeding sections accordingly.

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

21 Page 4, strike lines 14 through 27.

22 Strike page 5.

23 Page 6, strike lines 1 through 21.

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

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