**Technical Review Coversheet**

**Applicant:** School District No. 1 of the City and County of Denver, State of Colorado -- , - , (U396B100143)

**Reader #1:**

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<th><strong>Summary Statement</strong></th>
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<td>1. Summary Statement</td>
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<tr>
<th><strong>Selection Criteria</strong></th>
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<td>1. A. Need for the Project and Quality of the Project Design (up to 20 Points)</td>
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<td>2. B. Strength of Research, Significance of Effect, and Magnitude of Effect (up to 15 Points)</td>
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<td>5. E. Strategy and Capacity to Bring to Scale (up to 10 Points)</td>
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<td>3. Competitive Preference 7: Innovations To Address</td>
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Summary Statement

1. Summary Statement

   This proposal is designed to validate Collaborative Strategic Reading (CSR) as a research-based intervention for cross-content area teachers to improve discipline specific reading comprehension.

Selection Criteria

1. A. Need for the Project and Quality of the Project Design (up to 20 Points)

   In determining the need for the project and quality of the design of the proposed project, the Secretary considers the following factors:

   (1) The extent to which the proposed project represents an exceptional approach to the priorities the eligible applicant is seeking to meet (i.e., addresses a largely unmet need, particularly for high-need students, and is a practice, strategy, or program that has not already been widely adopted).

   (2) The extent to which the proposed project has a clear set of goals and an explicit strategy, with actions that are
(a) aligned with the priorities the eligible applicant is seeking to meet, and

(b) expected to result in achieving the goals, objectives, and outcomes of the proposed project.

(3) The extent to which the proposed project is consistent with the research evidence supporting the proposed project, taking into consideration any differences in context.

**Strengths**

CRS will be used as a strategic lever for districtwide change. 5,200 students in eight middle schools will be served during the grant period. Five objectives were presented: (1) validate CSR with ELL's, students with LD, and struggling readers in middle school content area classrooms; (2) using validation results the applicant proposed to ensure that Denver Public Schools definition of teacher effectiveness includes best practices for ELL's and other high needs students; (3) increase principal professional development opportunities to drive instructional leadership; (4) increase capacity of school staff to support identified students; (5) align DPS's professional development requirements to best practices; (6) develop a learning trajectory. Objectives are clearly delineated throughout the proposal. The proposal includes research-based interventions. In terms of need, it was stated at 44% of the students in DPS are ELL's. All data suggest that those students struggle with comprehension. The results of the validation will lead to development of a comprehensive program to systematize and bring to scale the identified needs of high needs students.

**Weaknesses**

The applicant did not provide information on other programs currently being used in DPS and what the benchmark is for certifying effectiveness of this program. The applicant also does not provide information to indicate what type of assessment will be used to determine technological sufficiency of participants. The proposal calls for the use of webinars, blogs, and other technology tools. The use of those tools may require training for prospective users.

Reader’s Score: 18

2. B. Strength of Research, Significance of Effect, and Magnitude of Effect (up to 15 Points)

The Secretary considers the strength of the existing research evidence, including the internal validity (strength of causal conclusions) and external validity (generalizability) of the effects reported in prior research, on whether the proposed
project will improve student achievement or student growth, close achievement
gaps, decrease dropout rates, increase high school graduation rates, or increase
college enrollment and completion rates. Eligible applicants may also demonstrate
success through an intermediate variable that is strongly correlated with improving
these outcomes, such as teacher or principal effectiveness.

In determining the strength of the existing research evidence, the Secretary
considers the following factors:

(1) The extent to which the eligible applicant demonstrates that there is moderate
evidence (as defined in the Notice Inviting Applications) that the proposed practice,
strategy, or program will have a statistically significant, substantial, and important
effect on improving student achievement or student growth, closing achievement
gaps, decreasing dropout rates, increasing high school graduation rates, or
increasing college enrollment and completion rates.

(2) The importance and magnitude of the effect expected to be obtained by the
proposed project, including the likelihood that the project will substantially and
measurably improve student achievement or student growth, close achievement
gaps, decrease dropout rates, increase high school graduation rates, or increase
college enrollment and completion rates. The evidence in support of the importance
and magnitude of the effect would be the research-based evidence provided by the
eligible applicant to support the proposed project.

Strengths

Weaknesses

3. C. Experience of the Eligible Applicant (up to 20 Points)

In determining the experience of the eligible applicant, the Secretary considers the
following factors:

(1) The past performance of the eligible applicant in implementing complex
projects.

(2) The extent to which an eligible applicant provides information and data
demonstrating that -
(a) In the case of an eligible applicant that is an LEA, the LEA has -
   (i) Significantly closed the achievement gaps between groups of students described
       in section 1111(b)(2) of the ESEA, or significantly increased student achievement for
       all groups of students described in such section; and

   (ii) Made significant improvements in other areas, such as graduation rates or
        increased recruitment and placement of high-quality teachers and principals, as
demonstrated with meaningful data; or

(b) In the case of an eligible applicant that includes a nonprofit organization, the
nonprofit organization has significantly improved student achievement, attainment, or retention through its record of work with an LEA or schools.

### Strengths

The project director has experience implementing many large scale initiatives.

The project initiatives include long-standing relations with the Teacher's Union where collaborative efforts have supported funding to track student achievement, obtain support from voters to prove $27 million in teacher incentive pay through ProComp. Additional partners are identified in Section F--Sustainability

### Weaknesses

The applicant did not provide student performance/achievement data to show how the partnership between the school district and the partner universities is bringing about improved student outcomes. Data from the BUENO Center for Multicultural Education in the School of Education would also have enhanced the proposal.

Reader’s Score: 17

**4. D. Quality of the Project Evaluation (up to 15 Points)**

In determining the quality of the evaluation, the Secretary considers the following factors:

1. The extent to which the methods of evaluation will include a well designed experimental study or well designed quasi-experimental study.

2. The extent to which the methods of evaluation will provide high-quality implementation data and performance feedback, and permit periodic assessment of progress toward achieving intended outcomes.

3. The extent to which the evaluation will provide sufficient information about the key elements and approach of the project so as to facilitate replication or testing in other settings.

4. The extent to which the proposed project plan includes sufficient resources to carry out the project evaluation effectively.

5. The extent to which the proposed evaluation is rigorous, independent, and neither the program developer nor the project implementer will evaluate the impact of the project.

Strengths
Weaknesses

5. E. Strategy and Capacity to Bring to Scale (up to 10 Points)

In determining the quality of the strategy and capacity to bring the proposed project to scale, the Secretary considers:

(1) The number of students proposed to be reached by the proposed project and the capacity of the eligible applicant and any other partners to reach the proposed number of students during the course of the grant period.

(2) The eligible applicant's capacity (e.g., in terms of qualified personnel, financial resources, or management capacity) to bring the proposed project to scale on a State or regional level (as appropriate, based on the results of the proposed project) working directly, or through other partners, either during or following the end of the grant period.

(3) The feasibility of the proposed project to be replicated successfully, if positive results are obtained, in a variety of settings and with a variety of student populations. Evidence of this ability includes the availability of resources and expertise required for implementing the project with fidelity, and the proposed project's evidence of relative ease of use or user satisfaction.

(4) The eligible applicant's estimate of the cost of the proposed project, which includes the start-up and operating costs per student per year (including indirect costs) for reaching the total number of students proposed to be served by the project. The eligible applicant must include an estimate of the costs for the eligible applicant or others (including other partners) to reach 100,000, 250,000, and 500,000 students.

(5) The mechanisms the eligible applicant will use to broadly disseminate information on its project to support further development, expansion, or replication.

Strengths

The project proposal includes the following objectives that address the issues of scalability:

1. Eight middle school are validation sites.
2. The project promotes district adoption.
3. The project advocates systemwide implementation.
4. The project recommends dissemination of findings and support for nationwide implementation.
5. The project is identified as a strategic lever for districtwide change that focuses on the pervasive urgent needs to address ELL academic achievement.
Weaknesses

The applicant does not mention dissemination of findings at a local level. While dissemination at a national level provides an opportunity to share best practices on a wide scale, local dissemination can also provide a forum for sharing best practices.

Reader's Score: 9

6. F. Sustainability (up to 10 Points)

In determining the adequacy of resources for the proposed project, the Secretary considers the following factors:

(1) The extent to which the eligible applicant demonstrates that it has the resources, as well as the support of stakeholders (e.g., State educational agencies, teachers' unions), to operate the project beyond the length of the Validation grant.

(2) The potential and planning for the incorporation of project purposes, activities, or benefits into the ongoing work of the eligible applicant and any other partners at the end of the Validation grant.

Strengths

Official non-profit partner is CU--Boulder. Also partnering is UC--Colorado and Padres Unidos a 20-year old community-based organization that works for education equality issues with Spanish speaking parents and youths of Denver. The applicant is also working collaboratively with Denver Classroom Teachers Association to develop a comprehensive teacher performance assessment system. Buy-in and support also comes from Colorado state-level leadership. The application also identifies coherent, sustainable districtwide programs that fully integrate ELA’s strategies and best practices into all data collection, assessments, parental involvement, performance measures, curriculum design, and evaluation efforts. The collaborative teacher leader model has a number of features that predict high-level sustainability.

Weaknesses

The applicant did not provide specific information on sustainability beyond the life of the grant. More information regarding contingency plans between Year One and Year Two might also support sustainability because Year One is presented as a developmental year in the project.

Reader's Score: 8
7. G. Quality of the Management Plan and Personnel (up to 10 Points)

In determining the quality of the management plan and personnel for the proposed project, the Secretary considers:

(1) The adequacy of the management plan to achieve the objectives of the proposed project on time and within budget, including clearly defined responsibilities, timelines, and milestones for accomplishing project tasks, as well as tasks related to the sustainability and scalability of the proposed project.

(2) The qualifications, including relevant training and experience, of the project director and key project personnel, especially in managing complex projects.

(3) The qualifications, including relevant expertise and experience, of the project director and key personnel of the independent evaluator, especially in designing and conducting experimental and quasi-experimental studies of educational initiatives.

Strengths

Includes comprehensive management plan for five year duration of the grant. Project staff includes a project director, a research associates, and two subject consultants as well as support from the school district superintendent, the chief academic officer, the chief of HR, and the executive director of Teacher Learning and Leadership. All have been a part of the development of the proposal. The school district will hire a full-time project director.

Weaknesses

The applicant did not include a project timeline, milestones, or objectives in this section. The management plan included in the appendix did not provide detail sufficient to ensure that the objectives of the proposal will be met.

Reader’s Score: 7

Competitive Preference

1. Competitive Preference 5: Innovations for Improving Early Learning Outcomes (0 or 1 Point)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to improve educational outcomes for high-need students who are young children (birth through 3rd grade) by enhancing the quality of early learning programs. To meet this priority, applications must focus on:

(a) improving young children’s school readiness (including social, emotional, and
cognitive readiness) so that children are prepared for success in core academic subjects (as defined in section 9101(11) of the ESEA); (b) improving developmental milestones and standards and aligning them with appropriate outcome measures; and (c) improving alignment, collaboration, and transitions between early learning programs that serve children from birth to age three, in preschools, and in kindergarten through third grade.

Strengths

Weaknesses

2. Competitive Preference 6: Innovations That Support College Access and Success (0 or 1 Point)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to enable kindergarten through grade 12 (K-12) students, particularly high school students, to successfully prepare for, enter, and graduate from a two- or four-year college. To meet this priority, applications must include practices, strategies, or programs for K-12 students that

(a) address students’ preparedness and expectations related to college; (b) help students understand issues of college affordability and the financial aid and college application processes; and (c) provide support to students from peers and knowledgeable adults.

Strengths

Weaknesses

3. Competitive Preference 7: Innovations To Address the Unique Learning Needs of Students With Disabilities and Limited English Proficient Students (0 or 1 Point)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to address the unique learning needs of students with disabilities, including those who are assessed based on alternate academic achievement standards, or the linguistic and academic needs of limited English proficient students. To meet this priority, applications must provide for the implementation of particular practices, strategies, or programs that are designed to improve academic outcomes, close achievement gaps, and increase college- and career-readiness, including increasing high school graduation rates (as defined in this notice), for students with disabilities or limited English proficient students.

Strengths

Denver Public Schools and its partners proposes to use Collaborative Strategic Reading (CSR) as a whole school strategy to affect academic achievement for ELLs and students with LD, and struggling readers. CSR
provides strategies to support ELLs and students with LD in areas of text-based content learning, and language acquisition through academic discourse with peers, to name a few.

Weaknesses

Reader's Score: 1

4. Competitive Preference 8: Innovations That Serve Schools in Rural LEAs (0, 1, or 2 Points)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to focus on the unique challenges of high-need students in schools within a rural LEA (as defined in this notice) and address the particular challenges faced by students in these schools. To meet this priority, applications must include practices, strategies, or programs that are designed to improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or improve teacher and principal effectiveness in one or more rural LEAs.

Strengths

Weaknesses

Status: Submitted

Last Updated: 07/15/2010 10:03 PM
**Technical Review Coversheet**

**Applicant:** School District No. 1 of the City and County of Denver, State of Colorado --, - , (U396B100143)

**Reader #2:**

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3. Competitive Preference 7: Innovations To Address the Unique Learning Needs of Students With Disabilities and Limited English Proficient Students (0 or 1 Point)

4. Competitive Preference 8: Innovations That Serve Schools in Rural LEAs (0, 1, or 2 Points)

TOTAL 105 24

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Technical Review Form

Validation 02: 84.396B
Reader #2: 
Applicant: School District No. 1 of the City and County of Denver, State of Colorado -- , - , (U396B100143)

Summary Statement
1. Summary Statement

Selection Criteria
1. A. Need for the Project and Quality of the Project Design (up to 20 Points)

In determining the need for the project and quality of the design of the proposed project, the Secretary considers the following factors:

(1) The extent to which the proposed project represents an exceptional approach to the priorities the eligible applicant is seeking to meet (i.e., addresses a largely unmet need, particularly for high-need students, and is a practice, strategy, or program that has not already been widely adopted).

(2) The extent to which the proposed project has a clear set of goals and an explicit strategy, with actions that are

(a) aligned with the priorities the eligible applicant is seeking to meet, and

(b) expected to result in achieving the goals, objectives, and outcomes of the
proposed project.

(3) The extent to which the proposed project is consistent with the research evidence supporting the proposed project, taking into consideration any differences in context.

Strengths

Weaknesses

2. B. Strength of Research, Significance of Effect, and Magnitude of Effect (up to 15 Points)

The Secretary considers the strength of the existing research evidence, including the internal validity (strength of causal conclusions) and external validity (generalizability) of the effects reported in prior research, on whether the proposed project will improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or increase college enrollment and completion rates. Eligible applicants may also demonstrate success through an intermediate variable that is strongly correlated with improving these outcomes, such as teacher or principal effectiveness.

In determining the strength of the existing research evidence, the Secretary considers the following factors:

(1) The extent to which the eligible applicant demonstrates that there is moderate evidence (as defined in the Notice Inviting Applications) that the proposed practice, strategy, or program will have a statistically significant, substantial, and important effect on improving student achievement or student growth, closing achievement gaps, decreasing dropout rates, increasing high school graduation rates, or increasing college enrollment and completion rates.

(2) The importance and magnitude of the effect expected to be obtained by the proposed project, including the likelihood that the project will substantially and measurably improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or increase college enrollment and completion rates. The evidence in support of the importance and magnitude of the effect would be the research-based evidence provided by the eligible applicant to support the proposed project.

Strengths

The proposal notes twelve years of a variety of studies on CSR. These are mostly small, well designed studies. There is a lack of research on middle schools and with ELL and LD populations.

A large quasi-experimental study is underway, but no results are available.
Weaknesses

Lack of large scale RCTs available.

Reader's Score: 11

3. C. Experience of the Eligible Applicant (up to 20 Points)

In determining the experience of the eligible applicant, the Secretary considers the following factors:

(1) The past performance of the eligible applicant in implementing complex projects.

(2) The extent to which an eligible applicant provides information and data demonstrating that -
(a) In the case of an eligible applicant that is an LEA, the LEA has -
   (i) Significantly closed the achievement gaps between groups of students described in section 1111(b)(2) of the ESEA, or significantly increased student achievement for all groups of students described in such section; and
   (ii) Made significant improvements in other areas, such as graduation rates or increased recruitment and placement of high-quality teachers and principals, as demonstrated with meaningful data; or

(b) In the case of an eligible applicant that includes a nonprofit organization, the nonprofit organization has significantly improved student achievement, attainment, or retention through its record of work with an LEA or schools.

Strengths

Weaknesses

4. D. Quality of the Project Evaluation (up to 15 Points)

In determining the quality of the evaluation, the Secretary considers the following factors:

(1) The extent to which the methods of evaluation will include a well designed experimental study or well designed quasi-experimental study.

(2) The extent to which the methods of evaluation will provide high-quality implementation data and performance feedback, and permit periodic assessment of progress toward achieving intended outcomes.

(3) The extent to which the evaluation will provide sufficient information about the key elements and approach of the project so as to facilitate replication or testing in other settings.
(4) The extent to which the proposed project plan includes sufficient resources to carry out the project evaluation effectively.

(5) The extent to which the proposed evaluation is rigorous, independent, and neither the program developer nor the project implementer will evaluate the impact of the project.

Strengths

The proposal presents a strong evaluation design. Uses a interesting "teacher as own control design. They will phase in a design over a 4 yr period---2 middle schools per year.

There will be implementation assessments in both treatment and control classes.

There will be a strategy for examining ELL population

Weaknesses

Would have liked more details on analyses and power.

Reader's Score: 13

5. E. Strategy and Capacity to Bring to Scale (up to 10 Points)

In determining the quality of the strategy and capacity to bring the proposed project to scale, the Secretary considers:

(1) The number of students proposed to be reached by the proposed project and the capacity of the eligible applicant and any other partners to reach the proposed number of students during the course of the grant period.

(2) The eligible applicant's capacity (e.g., in terms of qualified personnel, financial resources, or management capacity) to bring the proposed project to scale on a State or regional level (as appropriate, based on the results of the proposed project) working directly, or through other partners, either during or following the end of the grant period.

(3) The feasibility of the proposed project to be replicated successfully, if positive results are obtained, in a variety of settings and with a variety of student populations. Evidence of this ability includes the availability of resources and expertise required for implementing the project with fidelity, and the proposed project’s evidence of relative ease of use or user satisfaction.
(4) The eligible applicant's estimate of the cost of the proposed project, which includes the start-up and operating costs per student per year (including indirect costs) for reaching the total number of students proposed to be served by the project. The eligible applicant must include an estimate of the costs for the eligible applicant or others (including other partners) to reach 100,000, 250,000, and 500,000 students.

(5) The mechanisms the eligible applicant will use to broadly disseminate information on its project to support further development, expansion, or replication.

Strengths

Weaknesses

6. F. Sustainability (up to 10 Points)

In determining the adequacy of resources for the proposed project, the Secretary considers the following factors:

(1) The extent to which the eligible applicant demonstrates that it has the resources, as well as the support of stakeholders (e.g., State educational agencies, teachers' unions), to operate the project beyond the length of the Validation grant.

(2) The potential and planning for the incorporation of project purposes, activities, or benefits into the ongoing work of the eligible applicant and any other partners at the end of the Validation grant.

Strengths

Weaknesses

7. G. Quality of the Management Plan and Personnel (up to 10 Points)

In determining the quality of the management plan and personnel for the proposed project, the Secretary considers:

(1) The adequacy of the management plan to achieve the objectives of the proposed project on time and within budget, including clearly defined responsibilities, timelines, and milestones for accomplishing project tasks, as well as tasks related to the sustainability and scalability of the proposed project.

(2) The qualifications, including relevant training and experience, of the project director and key project personnel, especially in managing complex projects.

(3) The qualifications, including relevant expertise and experience, of the project director and key personnel of the independent evaluator, especially in designing and conducting experimental and quasi-experimental studies of educational initiatives.
Strengths

Weaknesses

Competitive Preference

1. Competitive Preference 5: Innovations for Improving Early Learning Outcomes (0 or 1 Point)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to improve educational outcomes for high-need students who are young children (birth through 3rd grade) by enhancing the quality of early learning programs. To meet this priority, applications must focus on:

(a) improving young children’s school readiness (including social, emotional, and cognitive readiness) so that children are prepared for success in core academic subjects (as defined in section 9101(11) of the ESEA);
(b) improving developmental milestones and standards and aligning them with appropriate outcome measures; and
(c) improving alignment, collaboration, and transitions between early learning programs that serve children from birth to age three, in preschools, and in kindergarten through third grade.

Strengths

Weaknesses

2. Competitive Preference 6: Innovations That Support College Access and Success (0 or 1 Point)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to enable kindergarten through grade 12 (K-12) students, particularly high school students, to successfully prepare for, enter, and graduate from a two- or four-year college. To meet this priority, applications must include practices, strategies, or programs for K-12 students that

(a) address students’ preparedness and expectations related to college;
(b) help students understand issues of college affordability and the financial aid and college application processes; and
(c) provide support to students from peers and knowledgeable adults.

Strengths

Weaknesses

3. Competitive Preference 7: Innovations To Address the Unique Learning Needs of Students With Disabilities and Limited English Proficient Students (0 or 1 Point)
We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to address the unique learning needs of students with disabilities, including those who are assessed based on alternate academic achievement standards, or the linguistic and academic needs of limited English proficient students. To meet this priority, applications must provide for the implementation of particular practices, strategies, or programs that are designed to improve academic outcomes, close achievement gaps, and increase college- and career-readiness, including increasing high school graduation rates (as defined in this notice), for students with disabilities or limited English proficient students.

Strengths

Weaknesses

4. Competitive Preference 8: Innovations That Serve Schools in Rural LEAs (0, 1, or 2 Points)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to focus on the unique challenges of high-need students in schools within a rural LEA (as defined in this notice) and address the particular challenges faced by students in these schools. To meet this priority, applications must include practices, strategies, or programs that are designed to improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or improve teacher and principal effectiveness in one or more rural LEAs.

Strengths

Weaknesses

Status: Submitted

Last Updated: 07/15/2010 2:45 PM
# Technical Review Coversheet

**Applicant:** School District No. 1 of the City and County of Denver, State of Colorado -- , - , (U396B100143)

**Reader #3:**

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**Competitive Preference**

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<td>2. Competitive Preference 6: Innovations That Support College Access and Success (0 or 1 Point)</td>
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3. Competitive Preference 7: Innovations To Address the Unique Learning Needs of Students With Disabilities and Limited English Proficient Students (0 or 1 Point)  
4. Competitive Preference 8: Innovations That Serve Schools in Rural LEAs (0, 1, or 2 Points)  

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**Technical Review Form**

Validation 02: 84.396B  
Reader #3:  
**Applicant:** School District No. 1 of the City and County of Denver, State of Colorado -- , --, (U396B100143)

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**Summary Statement**

1. **Summary Statement**

**Selection Criteria**

1. **A. Need for the Project and Quality of the Project Design (up to 20 Points)**

In determining the need for the project and quality of the design of the proposed project, the Secretary considers the following factors:

1. The extent to which the proposed project represents an exceptional approach to the priorities the eligible applicant is seeking to meet (i.e., addresses a largely unmet need, particularly for high-need students, and is a practice, strategy, or program that has not already been widely adopted).

2. The extent to which the proposed project has a clear set of goals and an explicit strategy, with actions that are

   (a) aligned with the priorities the eligible applicant is seeking to meet, and

   (b) expected to result in achieving the goals, objectives, and outcomes of the
The extent to which the proposed project is consistent with the research evidence supporting the proposed project, taking into consideration any differences in context.

Strengths

The Denver Public School district is proposing to use the Collaborative Strategic Reading (CSR) model to design a whole school strategy that will increase middle school teacher, principal, and staff effectiveness and improve academic achievement for ELLs, students with learning disabilities, and struggling readers. (page e0)

The number of students to be served during the five years of the project will be 5,200 from eight middle schools within the DPS district. The project design anticipates adoption of the CSR model district-wide which will increase the number of students to 15,536. (page e0)

Project partners are DPS and University of Colorado in Boulder. Additional partners are a parent community group, Padres Unidos, and Colorado University at Denver.

Forty-four percent of the total student population in DPS are ELLs (English Limited students). The project design plans to improve teacher effectiveness in the instruction of ELLs and students with learning disabilities, and struggling readers. (page 1) CSR is a research-based intervention for cross content area teachers to improve reading comprehension within their discipline. (page 2) The Denver Public School system has a total of 78,352 students and 55% of all students are struggling readers.

The partnership of the Denver schools will have a positive impact on the pedagogy of the Colorado higher education institutions as most teacher preparation programs do not prepare teachers to meet the needs of their ELL students. (page 4) The UCD plans to redesign its ELA course curriculum as part of this project. (page 10)

The project design narrative is comprehensive and appears to be a model for successful completion of the grant project.

Weaknesses

No weaknesses found.

Reader's Score: 20

2. B. Strength of Research, Significance of Effect, and Magnitude of Effect (up to 15
Points)

The Secretary considers the strength of the existing research evidence, including the internal validity (strength of causal conclusions) and external validity (generalizability) of the effects reported in prior research, on whether the proposed project will improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or increase college enrollment and completion rates. Eligible applicants may also demonstrate success through an intermediate variable that is strongly correlated with improving these outcomes, such as teacher or principal effectiveness.

In determining the strength of the existing research evidence, the Secretary considers the following factors:

(1) The extent to which the eligible applicant demonstrates that there is moderate evidence (as defined in the Notice Inviting Applications) that the proposed practice, strategy, or program will have a statistically significant, substantial, and important effect on improving student achievement or student growth, closing achievement gaps, decreasing dropout rates, increasing high school graduation rates, or increasing college enrollment and completion rates.

(2) The importance and magnitude of the effect expected to be obtained by the proposed project, including the likelihood that the project will substantially and measurably improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or increase college enrollment and completion rates. The evidence in support of the importance and magnitude of the effect would be the research-based evidence provided by the eligible applicant to support the proposed project.

Strengths

Weaknesses

3. C. Experience of the Eligible Applicant (up to 20 Points)

In determining the experience of the eligible applicant, the Secretary considers the following factors:

(1) The past performance of the eligible applicant in implementing complex projects.

(2) The extent to which an eligible applicant provides information and data demonstrating that -
   (a) In the case of an eligible applicant that is an LEA, the LEA has -
       (i) Significantly closed the achievement gaps between groups of students described in section 1111(b)(2) of the ESEA, or significantly increased student achievement for all groups of students described in such section; and
(ii) Made significant improvements in other areas, such as graduation rates or increased recruitment and placement of high-quality teachers and principals, as demonstrated with meaningful data; or

(b) In the case of an eligible applicant that includes a nonprofit organization, the nonprofit organization has significantly improved student achievement, attainment, or retention through its record of work with an LEA or schools.

**Strengths**

The Denver Public Schools have cut student dropouts by one-third through its reform efforts. They have also launched a Joint Task Force with the Denver Teachers Classroom Association to pilot a teacher incentive pay program (page 18). DPS has also received funding from the Bill Gates foundation to create a new teacher evaluation system. (page 19)

The Colorado University of Boulder is the leading research institution in the area. CU Boulder houses the leading resource institution in the field of bilingual/ESL/multicultural education: the BUENO Center. (page 20)

**Weaknesses**

No weaknesses found.

Reader's Score: 20

4. D. Quality of the Project Evaluation (up to 15 Points)

In determining the quality of the evaluation, the Secretary considers the following factors:

(1) The extent to which the methods of evaluation will include a well designed experimental study or well designed quasi-experimental study.

(2) The extent to which the methods of evaluation will provide high-quality implementation data and performance feedback, and permit periodic assessment of progress toward achieving intended outcomes.

(3) The extent to which the evaluation will provide sufficient information about the key elements and approach of the project so as to facilitate replication or testing in other settings.

(4) The extent to which the proposed project plan includes sufficient resources to carry out the project evaluation effectively.

(5) The extent to which the proposed evaluation is rigorous, independent, and neither the program developer nor the project implementer will evaluate the impact
of the project.

Strengths

Weaknesses

5. E. Strategy and Capacity to Bring to Scale (up to 10 Points)

In determining the quality of the strategy and capacity to bring the proposed project to scale, the Secretary considers:

(1) The number of students proposed to be reached by the proposed project and the capacity of the eligible applicant and any other partners to reach the proposed number of students during the course of the grant period.

(2) The eligible applicant's capacity (e.g., in terms of qualified personnel, financial resources, or management capacity) to bring the proposed project to scale on a State or regional level (as appropriate, based on the results of the proposed project) working directly, or through other partners, either during or following the end of the grant period.

(3) The feasibility of the proposed project to be replicated successfully, if positive results are obtained, in a variety of settings and with a variety of student populations. Evidence of this ability includes the availability of resources and expertise required for implementing the project with fidelity, and the proposed project's evidence of relative ease of use or user satisfaction.

(4) The eligible applicant's estimate of the cost of the proposed project, which includes the start-up and operating costs per student per year (including indirect costs) for reaching the total number of students proposed to be served by the project. The eligible applicant must include an estimate of the costs for the eligible applicant or others (including other partners) to reach 100,000, 250,000, and 500,000 students.

(5) The mechanisms the eligible applicant will use to broadly disseminate information on its project to support further development, expansion, or replication.

Strengths

The estimated per student cost of the CSR project is $594.00 for reaching the ultimate goal of 15,536 students, the total number of middle school students in the DPS district. (page 30) The required estimates for 100,000, 250,000, and 500,000 students are found on page 31.

CU Boulder will disseminate findings in journals, and at national and state conferences. (page 31)
6. F. Sustainability (up to 10 Points)

In determining the adequacy of resources for the proposed project, the Secretary considers the following factors:

(1) The extent to which the eligible applicant demonstrates that it has the resources, as well as the support of stakeholders (e.g., State educational agencies, teachers' unions), to operate the project beyond the length of the Validation grant.

(2) The potential and planning for the incorporation of project purposes, activities, or benefits into the ongoing work of the eligible applicant and any other partners at the end of the Validation grant.

Strengths

The project goals include the development of professional development packets with materials, DVD's with classroom vignettes, and teacher materials for use in various content areas. The Colorado Department of Education has committed to bring the project to scale statewide. (page 29)

DPS will host a five day train-the-trainer conference for all interested schools wishing to implement CSR. (page 30)

Evidence of sustainability is located within the letters of support from the Governor of Colorado, Colorado Commissioner of Education, Mayor of Denver, University of Colorado at Boulder, University of Colorado, Denver Classroom Teachers' Association, University of Colorado at Denver, and Padres Unidos. (Appendix D)

Weaknesses

No weaknesses found.

Reader's Score: 10

7. G. Quality of the Management Plan and Personnel (up to 10 Points)
In determining the quality of the management plan and personnel for the proposed project, the Secretary considers:

(1) The adequacy of the management plan to achieve the objectives of the proposed project on time and within budget, including clearly defined responsibilities, timelines, and milestones for accomplishing project tasks, as well as tasks related to the sustainability and scalability of the proposed project.

(2) The qualifications, including relevant training and experience, of the project director and key project personnel, especially in managing complex projects.

(3) The qualifications, including relevant expertise and experience, of the project director and key personnel of the independent evaluator, especially in designing and conducting experimental and quasi-experimental studies of educational initiatives.

Strengths

A curriculum committee of university researchers, teacher educators, professional development personnel, and school district content area specialists will assist teachers to understand how CSR aligns with and can be integrated into their content areas. (page 12)

A specific timeline was not found, but the grant narrative described the project plans for CSR professional development summer workshops, four booster sessions, visits with university researchers, and the development of "lab classrooms" by teacher leaders. (pages 13-14)

The expertise of the grant project leadership will ensure a successful grant project.

Weaknesses

No weaknesses found.

Reader's Score: 10

Competitive Preference

1. Competitive Preference 5: Innovations for Improving Early Learning Outcomes (0 or 1 Point)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to improve educational outcomes for high-need students who are young children (birth through 3rd grade) by enhancing the quality of early learning programs. To meet this
priority, applications must focus on:

(a) improving young children’s school readiness (including social, emotional, and cognitive readiness) so that children are prepared for success in core academic subjects (as defined in section 9101(11) of the ESEA);
(b) improving developmental milestones and standards and aligning them with appropriate outcome measures; and
(c) improving alignment, collaboration, and transitions between early learning programs that serve children from birth to age three, in preschools, and in kindergarten through third grade.

Strengths

Weaknesses

Reader's Score: 0

2. Competitive Preference 6: Innovations That Support College Access and Success (0 or 1 Point)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to enable kindergarten through grade 12 (K-12) students, particularly high school students, to successfully prepare for, enter, and graduate from a two- or four-year college. To meet this priority, applications must include practices, strategies, or programs for K-12 students that

(a) address students’ preparedness and expectations related to college;
(b) help students understand issues of college affordability and the financial aid and college application processes; and
(c) provide support to students from peers and knowledgeable adults.

Strengths

Weaknesses

Reader's Score: 0

3. Competitive Preference 7: Innovations To Address the Unique Learning Needs of Students With Disabilities and Limited English Proficient Students (0 or 1 Point)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to address the unique learning needs of students with disabilities, including those who are assessed based on alternate academic achievement standards, or the linguistic and academic needs of limited English proficient students. To meet this priority, applications must provide for the implementation of particular practices, strategies, or programs that are designed to improve academic outcomes, close achievement gaps, and increase college- and career-readiness, including increasing high school graduation rates (as
defined in this notice), for students with disabilities or limited English proficient students.

**Strengths**

The CSR (Collaborative Strategic Reading) model is designed by researchers to improve teachers' abilities to help their students improve reading comprehension. The project design provides needed professional development to enable teachers and principals to provide needed strategies to improve achievement of the ELL and LD students in DPS.

**Weaknesses**

No weaknesses found.

Reader’s Score: 1

4. Competitive Preference 8: Innovations That Serve Schools in Rural LEAs (0, 1, or 2 Points)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to focus on the unique challenges of high-need students in schools within a rural LEA (as defined in this notice) and address the particular challenges faced by students in these schools. To meet this priority, applications must include practices, strategies, or programs that are designed to improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or improve teacher and principal effectiveness in one or more rural LEAs.

**Strengths**

**Weaknesses**

Reader’s Score: 0

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**Status:** Submitted

**Last Updated:** 07/15/2010 9:36 AM
Technical Review Coversheet

**Applicant:** School District No. 1 of the City and County of Denver, State of Colorado -- , - , (U396B100143)

**Reader #4:**

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<td>2. B. Strength of Research, Significance of Effect, and Magnitude of Effect (up to 15 Points)</td>
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3. Competitive Preference 7: Innovations To Address the Unique Learning Needs of Students With Disabilities and Limited English Proficient Students (0 or 1 Point)  

4. Competitive Preference 8: Innovations That Serve Schools in Rural LEAs (0, 1, or 2 Points) 

TOTAL 105 53

Technical Review Form

Validation 02: 84.396B
Reader #4:
Applicant: School District No. 1 of the City and County of Denver, State of Colorado -- , - , (U396B100143)

Summary Statement

1. Summary Statement

Selection Criteria

1. A. Need for the Project and Quality of the Project Design (up to 20 Points)

In determining the need for the project and quality of the design of the proposed project, the Secretary considers the following factors:

(1) The extent to which the proposed project represents an exceptional approach to the priorities the eligible applicant is seeking to meet (i.e., addresses a largely unmet need, particularly for high-need students, and is a practice, strategy, or program that has not already been widely adopted).

(2) The extent to which the proposed project has a clear set of goals and an explicit strategy, with actions that are

(a) aligned with the priorities the eligible applicant is seeking to meet, and

(b) expected to result in achieving the goals, objectives, and outcomes of the
proposed project.

(3) The extent to which the proposed project is consistent with the research evidence supporting the proposed project, taking into consideration any differences in context.

**Strengths**

The proposal clearly establishes the need to address the unique learning needs of ELLs in DPS, who make up 44% of the students, and an analysis of those students by demographics, as well as special needs, is included (p. 3). The importance of strong middle grade reading is explained, and then linked to an effective lever for improvement -- focusing on teacher ed and professional development. The proposal goes further to state the importance of content area teachers being effective teachers of comprehension (p. 5). It is then thru the systemic implementation of CSR that teachers would change practices (practices thoroughly described on p. 6), and student learning would improve. The applicant is also focused on the need for CSR to be meaningful implemented -- that is, school context will be considered and the need for coherence is stated. All levels of personnel and families are part of the implementation. Six detailed objectives (p. 7-11) are described and aligned with activities that engage all school personnel, lay-out clear actions, align the project to other work in the district, and create a strong road map of implementation. The CSR professional development roll-out includes effective pieces like tending to teacher efficacy around new practices, creating a curriculum committee to align CSR with district standards, and engage partner Padres Unidos to lead ELL parents during the project.

**Weaknesses**

While the proposal includes some details of the teacher professional development implementation (p. 12-13, the list from "a" through "n"), this section is truly just a list of activities and lacks the coherence that the applicant has stated is so important to success. Some of the activities are low-level (provide materials, encourage teachers to fine tune) and some are complex (using protocols, starting video projects). This section would benefit from a clearer scope -- the list on page 12-13 partially aligns with some of the plans on page 13-14 but lacks a full vision of how teachers will learn, experiment, get feedback and support, and be held accountable to implementation.

Reader's Score: 17

2. B. Strength of Research, Significance of Effect, and Magnitude of Effect (up to 15 Points)

The Secretary considers the strength of the existing research evidence, including the
internal validity (strength of causal conclusions) and external validity (generalizability) of the effects reported in prior research, on whether the proposed project will improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or increase college enrollment and completion rates. Eligible applicants may also demonstrate success through an intermediate variable that is strongly correlated with improving these outcomes, such as teacher or principal effectiveness.

In determining the strength of the existing research evidence, the Secretary considers the following factors:

(1) The extent to which the eligible applicant demonstrates that there is moderate evidence (as defined in the Notice Inviting Applications) that the proposed practice, strategy, or program will have a statistically significant, substantial, and important effect on improving student achievement or student growth, closing achievement gaps, decreasing dropout rates, increasing high school graduation rates, or increasing college enrollment and completion rates.

(2) The importance and magnitude of the effect expected to be obtained by the proposed project, including the likelihood that the project will substantially and measurably improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or increase college enrollment and completion rates. The evidence in support of the importance and magnitude of the effect would be the research-based evidence provided by the eligible applicant to support the proposed project.

Strengths

Weaknesses

3. C. Experience of the Eligible Applicant (up to 20 Points)

In determining the experience of the eligible applicant, the Secretary considers the following factors:

(1) The past performance of the eligible applicant in implementing complex projects.

(2) The extent to which an eligible applicant provides information and data demonstrating that -
   (a) In the case of an eligible applicant that is an LEA, the LEA has -
      (i) Significantly closed the achievement gaps between groups of students described in section 1111(b)(2) of the ESEA, or significantly increased student achievement for all groups of students described in such section; and
      (ii) Made significant improvements in other areas, such as graduation rates or increased recruitment and placement of high-quality teachers and principals, as demonstrated with meaningful data; or
(b) In the case of an eligible applicant that includes a nonprofit organization, the nonprofit organization has significantly improved student achievement, attainment, or retention through its record of work with an LEA or schools.

**Strengths**

The impressive work of the Denver Plan, the collaboration that led to ProComp, and implementation of SPF and the commitment and partnership with Gates -- all of these are strong indicators (and the national familiarity with them allowed the reader to understand that impressiveness, but including details here would strengthen this section). It is helpful to see the admission that there is a need to remove the silo around ELL students in order for the great progress to continue.

**Weaknesses**

In section C, the applicant is asked to provide data demonstrating that they have closed the achievement gap. Given this proposal's focus on DPS's middle school ELLs, it would have been important to share data (and some analysis of how that data aligns with the intended actions of the proposal). Since this entire section contains only a few broad strokes data points (DPS showing "greater achievement growth than any other major CO district" and cutting student drop-out and teacher attrition rates) and no data about the achievement of ELL students and/or LD students as the critical subsets they identify (as they enter middle school, during middle school, and high school), it is difficult to assess the experience of the applicant for the exact work they propose doing. The Denver Plan, ProComp, SPF and Gates work are all impressive, but it was only this reader's familiarity with them that gained that understanding -- including details here would strengthen this section. The section on CU Boulder and BUENO does not include data.

**Reader's Score: 10**

4. D. Quality of the Project Evaluation (up to 15 Points)

In determining the quality of the evaluation, the Secretary considers the following factors:

(1) The extent to which the methods of evaluation will include a well designed experimental study or well designed quasi-experimental study.

(2) The extent to which the methods of evaluation will provide high-quality implementation data and performance feedback, and permit periodic assessment of progress toward achieving intended outcomes.

(3) The extent to which the evaluation will provide sufficient information about the
key elements and approach of the project so as to facilitate replication or testing in other settings.

(4) The extent to which the proposed project plan includes sufficient resources to carry out the project evaluation effectively.

(5) The extent to which the proposed evaluation is rigorous, independent, and neither the program developer nor the project implementer will evaluate the impact of the project.

Strengths

Weaknesses

5. E. Strategy and Capacity to Bring to Scale (up to 10 Points)

In determining the quality of the strategy and capacity to bring the proposed project to scale, the Secretary considers:

(1) The number of students proposed to be reached by the proposed project and the capacity of the eligible applicant and any other partners to reach the proposed number of students during the course of the grant period.

(2) The eligible applicant's capacity (e.g., in terms of qualified personnel, financial resources, or management capacity) to bring the proposed project to scale on a State or regional level (as appropriate, based on the results of the proposed project) working directly, or through other partners, either during or following the end of the grant period.

(3) The feasibility of the proposed project to be replicated successfully, if positive results are obtained, in a variety of settings and with a variety of student populations. Evidence of this ability includes the availability of resources and expertise required for implementing the project with fidelity, and the proposed project's evidence of relative ease of use or user satisfaction.

(4) The eligible applicant's estimate of the cost of the proposed project, which includes the start-up and operating costs per student per year (including indirect costs) for reaching the total number of students proposed to be served by the project. The eligible applicant must include an estimate of the costs for the eligible applicant or others (including other partners) to reach 100,000, 250,000, and 500,000 students.

(5) The mechanisms the eligible applicant will use to broadly disseminate information on its project to support further development, expansion, or replication.

Strengths
This section details excellent strategies that will allow for scale, including the development of teacher support materials that include DVD and cross-content materials; designing ELA-focused coursework; and continuing efforts to scale rigorous parent support via the relationship with Padres Unidos. In addition, state-wide and national LEAs will be invited to learn more about the applicant's success. Some anecdotal evidence of fidelity of implementation is shared and per-pupil costs ($594) is scaled to 500,000 students. Finally, CU Boulder will engage in dissemination efforts.

**Weaknesses**

Further description around support for fidelity of implementation would enhance this section. It would be helpful to more fully understand how creating a national consortium is a living and breathing resource for scaling such a complex set of ideas for supporting ELLs.

**Reader's Score: 8**

6. F. Sustainability (up to 10 Points)

In determining the adequacy of resources for the proposed project, the Secretary considers the following factors:

(1) The extent to which the eligible applicant demonstrates that it has the resources, as well as the support of stakeholders (e.g., State educational agencies, teachers' unions), to operate the project beyond the length of the Validation grant.

(2) The potential and planning for the incorporation of project purposes, activities, or benefits into the ongoing work of the eligible applicant and any other partners at the end of the Validation grant.

**Strengths**

Substantial evidence of strong commitment for this project is evident. It is clear that DPS has already engaged in deep work with the most important partners (CU Boulder and Padres Unidos). The use of teacher leaders also helps create a sustainable model. It is incredibly helpful to think of the implementation occurring in phases.

**Weaknesses**

While the efforts to engage families and the commitments of DPS and Padres Unidos is clear, there is not enough detail to fully describe how family engagement will look after the funding cycle ends. Given the key role of family engagement, including these details is important to
consider. Very little attention is paid to the financial resources that will maintain this project at the end of the grant cycle.

Reader's Score: 7

7. G. Quality of the Management Plan and Personnel (up to 10 Points)

In determining the quality of the management plan and personnel for the proposed project, the Secretary considers:

(1) The adequacy of the management plan to achieve the objectives of the proposed project on time and within budget, including clearly defined responsibilities, timelines, and milestones for accomplishing project tasks, as well as tasks related to the sustainability and scalability of the proposed project.

(2) The qualifications, including relevant training and experience, of the project director and key project personnel, especially in managing complex projects.

(3) The qualifications, including relevant expertise and experience, of the project director and key personnel of the independent evaluator, especially in designing and conducting experimental and quasi-experimental studies of educational initiatives.

**Strengths**

The detailed management plan in Appendix H articulates important goals and key actions. In addition, the strong leadership team from CU Boulder has the background in both CSR and large grants management to support this application's work. In addition, the DPS leadership team brings experience and commitment. The applicant also recognizes the importance of project staff (page 35) to ensure success.

**Weaknesses**

Reader's Score: 10

**Competitive Preference**

1. Competitive Preference 5: Innovations for Improving Early Learning Outcomes (0 or 1 Point)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to improve educational outcomes for high-need students who are young children (birth through
3rd grade) by enhancing the quality of early learning programs. To meet this priority, applications must focus on:

(a) improving young children’s school readiness (including social, emotional, and cognitive readiness) so that children are prepared for success in core academic subjects (as defined in section 9101(11) of the ESEA);
(b) improving developmental milestones and standards and aligning them with appropriate outcome measures; and
(c) improving alignment, collaboration, and transitions between early learning programs that serve children from birth to age three, in preschools, and in kindergarten through third grade.

Strengths

Weaknesses

Reader's Score: 0

2. Competitive Preference 6: Innovations That Support College Access and Success (0 or 1 Point)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to enable kindergarten through grade 12 (K-12) students, particularly high school students, to successfully prepare for, enter, and graduate from a two- or four-year college. To meet this priority, applications must include practices, strategies, or programs for K-12 students that

(a) address students’ preparedness and expectations related to college;
(b) help students understand issues of college affordability and the financial aid and college application processes; and
(c) provide support to students from peers and knowledgeable adults.

Strengths

Weaknesses

Reader's Score: 0

3. Competitive Preference 7: Innovations To Address the Unique Learning Needs of Students With Disabilities and Limited English Proficient Students (0 or 1 Point)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to address the unique learning needs of students with disabilities, including those who are assessed based on alternate academic achievement standards, or the linguistic and academic needs of limited English proficient students. To meet this priority, applications must provide for the implementation of particular practices, strategies, or programs that are designed to improve academic outcomes, close achievement gaps, and increase
college- and career-readiness, including increasing high school graduation rates (as defined in this notice), for students with disabilities or limited English proficient students.

Strengths

The entire design of the proposal is geared toward more effective teaching of ELL students in DPS. The proposal details how all stakeholders will be engaged, and how those efforts will help reach ELL students directly and impact achievement.

Weaknesses

Reader's Score: 1

4. Competitive Preference 8: Innovations That Serve Schools in Rural LEAs (0, 1, or 2 Points)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to focus on the unique challenges of high-need students in schools within a rural LEA (as defined in this notice) and address the particular challenges faced by students in these schools. To meet this priority, applications must include practices, strategies, or programs that are designed to improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or improve teacher and principal effectiveness in one or more rural LEAs.

Strengths

Weaknesses

Reader's Score: 0

Status: Submitted

Last Updated: 07/16/2010 1:16 PM
### Technical Review Coversheet

**Applicant:** School District No. 1 of the City and County of Denver, State of Colorado --, -, (U396B100143)

**Reader #5:**

<table>
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<tr>
<th>Criteria</th>
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<tbody>
<tr>
<td><strong>Summary Statement</strong></td>
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3. Competitive Preference 7: Innovations To Address the Unique Learning Needs of Students With Disabilities and Limited English Proficient Students (0 or 1 Point) 1

4. Competitive Preference 8: Innovations That Serve Schools in Rural LEAs (0, 1, or 2 Points) 2

TOTAL 105 26

Technical Review Form

Validation 02: 84.396B
Reader #5:
Applicant: School District No. 1 of the City and County of Denver, State of Colorado -- , - , (U396B100143)

Summary Statement
1. Summary Statement

Selection Criteria
1. A. Need for the Project and Quality of the Project Design (up to 20 Points)

In determining the need for the project and quality of the design of the proposed project, the Secretary considers the following factors:

(1) The extent to which the proposed project represents an exceptional approach to the priorities the eligible applicant is seeking to meet (i.e., addresses a largely unmet need, particularly for high-need students, and is a practice, strategy, or program that has not already been widely adopted).

(2) The extent to which the proposed project has a clear set of goals and an explicit strategy, with actions that are

(a) aligned with the priorities the eligible applicant is seeking to meet, and

(b) expected to result in achieving the goals, objectives, and outcomes of the
proposed project.

(3) The extent to which the proposed project is consistent with the research evidence supporting the proposed project, taking into consideration any differences in context.

Strengths

Weaknesses

2. B. Strength of Research, Significance of Effect, and Magnitude of Effect (up to 15 Points)

The Secretary considers the strength of the existing research evidence, including the internal validity (strength of causal conclusions) and external validity (generalizability) of the effects reported in prior research, on whether the proposed project will improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or increase college enrollment and completion rates. Eligible applicants may also demonstrate success through an intermediate variable that is strongly correlated with improving these outcomes, such as teacher or principal effectiveness.

In determining the strength of the existing research evidence, the Secretary considers the following factors:

(1) The extent to which the eligible applicant demonstrates that there is moderate evidence (as defined in the Notice Inviting Applications) that the proposed practice, strategy, or program will have a statistically significant, substantial, and important effect on improving student achievement or student growth, closing achievement gaps, decreasing dropout rates, increasing high school graduation rates, or increasing college enrollment and completion rates.

(2) The importance and magnitude of the effect expected to be obtained by the proposed project, including the likelihood that the project will substantially and measurably improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or increase college enrollment and completion rates. The evidence in support of the importance and magnitude of the effect would be the research-based evidence provided by the eligible applicant to support the proposed project.

Strengths

The studies from the Jitendra, et al. paper (presented at AERA in 2010) were experimental or quasi-experimental in design. In addition, they had been published in peer-reviewed journals. The power analysis and description of the HLM model were detailed and reasonable.

Weaknesses
The principal investigator for the proposed project is also the author or co-author for all four research studies submitted as moderate evidence.

Reader's Score: 13

3. C. Experience of the Eligible Applicant (up to 20 Points)

In determining the experience of the eligible applicant, the Secretary considers the following factors:

(1) The past performance of the eligible applicant in implementing complex projects.

(2) The extent to which an eligible applicant provides information and data demonstrating that -
   (a) In the case of an eligible applicant that is an LEA, the LEA has -
   (i) Significantly closed the achievement gaps between groups of students described in section 1111(b)(2) of the ESEA, or significantly increased student achievement for all groups of students described in such section; and
   (ii) Made significant improvements in other areas, such as graduation rates or increased recruitment and placement of high-quality teachers and principals, as demonstrated with meaningful data; or

   (b) In the case of an eligible applicant that includes a nonprofit organization, the nonprofit organization has significantly improved student achievement, attainment, or retention through its record of work with an LEA or schools.

Strengths

Weaknesses

4. D. Quality of the Project Evaluation (up to 15 Points)

In determining the quality of the evaluation, the Secretary considers the following factors:

(1) The extent to which the methods of evaluation will include a well designed experimental study or well designed quasi-experimental study.

(2) The extent to which the methods of evaluation will provide high-quality implementation data and performance feedback, and permit periodic assessment of progress toward achieving intended outcomes.

(3) The extent to which the evaluation will provide sufficient information about the key elements and approach of the project so as to facilitate replication or testing in other settings.
(4) The extent to which the proposed project plan includes sufficient resources to carry out the project evaluation effectively.

(5) The extent to which the proposed evaluation is rigorous, independent, and neither the program developer nor the project implementer will evaluate the impact of the project.

**Strengths**

An experimentally controlled comparison approach will be used. High-quality data will provide feedback and allow assessment of progress toward goals and outcomes. An external evaluator will design and conduct an independent evaluation. Sufficient funds were allotted to complete the evaluation effectively.

**Weaknesses**

It was not shown how the schools would be (randomly) selected. It was unclear how the external evaluator will review project impact with one of the sources used being the internal research evaluation. How the evaluation results will facilitate replication was not detailed in this section.

Reader's Score: 13

5. E. Strategy and Capacity to Bring to Scale (up to 10 Points)

In determining the quality of the strategy and capacity to bring the proposed project to scale, the Secretary considers:

(1) The number of students proposed to be reached by the proposed project and the capacity of the eligible applicant and any other partners to reach the proposed number of students during the course of the grant period.

(2) The eligible applicant's capacity (e.g., in terms of qualified personnel, financial resources, or management capacity) to bring the proposed project to scale on a State or regional level (as appropriate, based on the results of the proposed project) working directly, or through other partners, either during or following the end of the grant period.

(3) The feasibility of the proposed project to be replicated successfully, if positive results are obtained, in a variety of settings and with a variety of student populations. Evidence of this ability includes the availability of resources and expertise required for implementing the project with fidelity, and the proposed project's evidence of relative ease of use or user satisfaction.

(4) The eligible applicant's estimate of the cost of the proposed project, which
includes the start-up and operating costs per student per year (including indirect costs) for reaching the total number of students proposed to be served by the project. The eligible applicant must include an estimate of the costs for the eligible applicant or others (including other partners) to reach 100,000, 250,000, and 500,000 students.

(5) The mechanisms the eligible applicant will use to broadly disseminate information on its project to support further development, expansion, or replication.

Strengths

Weaknesses

6. F. Sustainability (up to 10 Points)

In determining the adequacy of resources for the proposed project, the Secretary considers the following factors:

(1) The extent to which the eligible applicant demonstrates that it has the resources, as well as the support of stakeholders (e.g., State educational agencies, teachers' unions), to operate the project beyond the length of the Validation grant.

(2) The potential and planning for the incorporation of project purposes, activities, or benefits into the ongoing work of the eligible applicant and any other partners at the end of the Validation grant.

Strengths

Weaknesses

7. G. Quality of the Management Plan and Personnel (up to 10 Points)

In determining the quality of the management plan and personnel for the proposed project, the Secretary considers:

(1) The adequacy of the management plan to achieve the objectives of the proposed project on time and within budget, including clearly defined responsibilities, timelines, and milestones for accomplishing project tasks, as well as tasks related to the sustainability and scalability of the proposed project.

(2) The qualifications, including relevant training and experience, of the project director and key project personnel, especially in managing complex projects.

(3) The qualifications, including relevant expertise and experience, of the project director and key personnel of the independent evaluator, especially in designing and conducting experimental and quasi-experimental studies of educational initiatives.

Strengths
Weaknesses

Competitive Preference

1. Competitive Preference 5: Innovations for Improving Early Learning Outcomes (0 or 1 Point)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to improve educational outcomes for high-need students who are young children (birth through 3rd grade) by enhancing the quality of early learning programs. To meet this priority, applications must focus on:

(a) improving young children’s school readiness (including social, emotional, and cognitive readiness) so that children are prepared for success in core academic subjects (as defined in section 9101(11) of the ESEA);
(b) improving developmental milestones and standards and aligning them with appropriate outcome measures; and
(c) improving alignment, collaboration, and transitions between early learning programs that serve children from birth to age three, in preschools, and in kindergarten through third grade.

Strengths

Weaknesses

2. Competitive Preference 6: Innovations That Support College Access and Success (0 or 1 Point)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to enable kindergarten through grade 12 (K-12) students, particularly high school students, to successfully prepare for, enter, and graduate from a two- or four-year college. To meet this priority, applications must include practices, strategies, or programs for K-12 students that

(a) address students’ preparedness and expectations related to college;
(b) help students understand issues of college affordability and the financial aid and college application processes; and
(c) provide support to students from peers and knowledgeable adults.

Strengths

Weaknesses

3. Competitive Preference 7: Innovations To Address the Unique Learning Needs of Students With Disabilities and Limited English Proficient Students (0 or 1 Point)

We give competitive preference to applications for projects that would implement
innovative practices, strategies, or programs that are designed to address the unique learning needs of students with disabilities, including those who are assessed based on alternate academic achievement standards, or the linguistic and academic needs of limited English proficient students. To meet this priority, applications must provide for the implementation of particular practices, strategies, or programs that are designed to improve academic outcomes, close achievement gaps, and increase college- and career-readiness, including increasing high school graduation rates (as defined in this notice), for students with disabilities or limited English proficient students.

Strengths

Weaknesses

4. Competitive Preference 8: Innovations That Serve Schools in Rural LEAs (0, 1, or 2 Points)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to focus on the unique challenges of high-need students in schools within a rural LEA (as defined in this notice) and address the particular challenges faced by students in these schools. To meet this priority, applications must include practices, strategies, or programs that are designed to improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or improve teacher and principal effectiveness in one or more rural LEAs.

Strengths

Weaknesses

Status: Submitted

Last Updated: 07/07/2010 1:22 PM
Technical Review Coversheet

**Applicant**: School District No. 1 of the City and County of Denver, State of Colorado -- , - , (U396B100143)

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3. Competitive Preference 7: Innovations To Address the Unique Learning Needs of Students With Disabilities and Limited English Proficient Students (0 or 1 Point) 1

4. Competitive Preference 8: Innovations That Serve Schools in Rural LEAs (0, 1, or 2 Points) 2

TOTAL  105  26

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**Technical Review Form**

Validation 02: 84.396B
Reader #5:
Applicant: School District No. 1 of the City and County of Denver, State of Colorado -- , -, (U396B100143)

Summary Statement
1. Summary Statement

Selection Criteria
1. A. Need for the Project and Quality of the Project Design (up to 20 Points)

In determining the need for the project and quality of the design of the proposed project, the Secretary considers the following factors:

(1) The extent to which the proposed project represents an exceptional approach to the priorities the eligible applicant is seeking to meet (i.e., addresses a largely unmet need, particularly for high-need students, and is a practice, strategy, or program that has not already been widely adopted).

(2) The extent to which the proposed project has a clear set of goals and an explicit strategy, with actions that are

(a) aligned with the priorities the eligible applicant is seeking to meet, and

(b) expected to result in achieving the goals, objectives, and outcomes of the
proposed project.

(3) The extent to which the proposed project is consistent with the research evidence supporting the proposed project, taking into consideration any differences in context.

Strengths

Weaknesses

2. B. Strength of Research, Significance of Effect, and Magnitude of Effect (up to 15 Points)

The Secretary considers the strength of the existing research evidence, including the internal validity (strength of causal conclusions) and external validity (generalizability) of the effects reported in prior research, on whether the proposed project will improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or increase college enrollment and completion rates. Eligible applicants may also demonstrate success through an intermediate variable that is strongly correlated with improving these outcomes, such as teacher or principal effectiveness.

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(2) The importance and magnitude of the effect expected to be obtained by the proposed project, including the likelihood that the project will substantially and measurably improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or increase college enrollment and completion rates. The evidence in support of the importance and magnitude of the effect would be the research-based evidence provided by the eligible applicant to support the proposed project.

Strengths

The studies from the Jitendra, et al. paper (presented at AERA in 2010) were experimental or quasi-experimental in design. In addition, they had been published in peer-reviewed journals. The power analysis and description of the HLM model were detailed and reasonable.

Weaknesses
The principal investigator for the proposed project is also the author or co-author for all four research studies submitted as moderate evidence.

Reader's Score: 13

3. C. Experience of the Eligible Applicant (up to 20 Points)

In determining the experience of the eligible applicant, the Secretary considers the following factors:

(1) The past performance of the eligible applicant in implementing complex projects.

(2) The extent to which an eligible applicant provides information and data demonstrating that -
   (a) In the case of an eligible applicant that is an LEA, the LEA has -
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     (ii) Made significant improvements in other areas, such as graduation rates or increased recruitment and placement of high-quality teachers and principals, as demonstrated with meaningful data; or

   (b) In the case of an eligible applicant that includes a nonprofit organization, the nonprofit organization has significantly improved student achievement, attainment, or retention through its record of work with an LEA or schools.

   Strengths

   Weaknesses

4. D. Quality of the Project Evaluation (up to 15 Points)

In determining the quality of the evaluation, the Secretary considers the following factors:

(1) The extent to which the methods of evaluation will include a well designed experimental study or well designed quasi-experimental study.

(2) The extent to which the methods of evaluation will provide high-quality implementation data and performance feedback, and permit periodic assessment of progress toward achieving intended outcomes.

(3) The extent to which the evaluation will provide sufficient information about the key elements and approach of the project so as to facilitate replication or testing in other settings.
(4) The extent to which the proposed project plan includes sufficient resources to carry out the project evaluation effectively.

(5) The extent to which the proposed evaluation is rigorous, independent, and neither the program developer nor the project implementer will evaluate the impact of the project.

**Strengths**

An experimentally controlled comparison approach will be used. High-quality data will provide feedback and allow assessment of progress toward goals and outcomes. An external evaluator will design and conduct an independent evaluation. Sufficient funds were allotted to complete the evaluation effectively.

**Weaknesses**

It was not shown how the schools would be (randomly) selected. It was unclear how the external evaluator will review project impact with one of the sources used being the internal research evaluation. How the evaluation results will facilitate replication was not detailed in this section.

Reader's Score: 13

5. E. Strategy and Capacity to Bring to Scale (up to 10 Points)

In determining the quality of the strategy and capacity to bring the proposed project to scale, the Secretary considers:

(1) The number of students proposed to be reached by the proposed project and the capacity of the eligible applicant and any other partners to reach the proposed number of students during the course of the grant period.

(2) The eligible applicant's capacity (e.g., in terms of qualified personnel, financial resources, or management capacity) to bring the proposed project to scale on a State or regional level (as appropriate, based on the results of the proposed project) working directly, or through other partners, either during or following the end of the grant period.

(3) The feasibility of the proposed project to be replicated successfully, if positive results are obtained, in a variety of settings and with a variety of student populations. Evidence of this ability includes the availability of resources and expertise required for implementing the project with fidelity, and the proposed project's evidence of relative ease of use or user satisfaction.

(4) The eligible applicant's estimate of the cost of the proposed project, which
includes the start-up and operating costs per student per year (including indirect costs) for reaching the total number of students proposed to be served by the project. The eligible applicant must include an estimate of the costs for the eligible applicant or others (including other partners) to reach 100,000, 250,000, and 500,000 students.

(5) The mechanisms the eligible applicant will use to broadly disseminate information on its project to support further development, expansion, or replication.

Strengths
Weaknesses

6. F. Sustainability (up to 10 Points)

In determining the adequacy of resources for the proposed project, the Secretary considers the following factors:

(1) The extent to which the eligible applicant demonstrates that it has the resources, as well as the support of stakeholders (e.g., State educational agencies, teachers' unions), to operate the project beyond the length of the Validation grant.

(2) The potential and planning for the incorporation of project purposes, activities, or benefits into the ongoing work of the eligible applicant and any other partners at the end of the Validation grant.

Strengths
Weaknesses

7. G. Quality of the Management Plan and Personnel (up to 10 Points)

In determining the quality of the management plan and personnel for the proposed project, the Secretary considers:

(1) The adequacy of the management plan to achieve the objectives of the proposed project on time and within budget, including clearly defined responsibilities, timelines, and milestones for accomplishing project tasks, as well as tasks related to the sustainability and scalability of the proposed project.

(2) The qualifications, including relevant training and experience, of the project director and key project personnel, especially in managing complex projects.

(3) The qualifications, including relevant expertise and experience, of the project director and key personnel of the independent evaluator, especially in designing and conducting experimental and quasi-experimental studies of educational initiatives.

Strengths
Weaknesses

Competitive Preference

1. Competitive Preference 5: Innovations for Improving Early Learning Outcomes (0 or 1 Point)

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(a) improving young children’s school readiness (including social, emotional, and cognitive readiness) so that children are prepared for success in core academic subjects (as defined in section 9101(11) of the ESEA);
(b) improving developmental milestones and standards and aligning them with appropriate outcome measures; and
(c) improving alignment, collaboration, and transitions between early learning programs that serve children from birth to age three, in preschools, and in kindergarten through third grade.

Strengths

Weaknesses

2. Competitive Preference 6: Innovations That Support College Access and Success (0 or 1 Point)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to enable kindergarten through grade 12 (K-12) students, particularly high school students, to successfully prepare for, enter, and graduate from a two- or four-year college. To meet this priority, applications must include practices, strategies, or programs for K-12 students that

(a) address students’ preparedness and expectations related to college;
(b) help students understand issues of college affordability and the financial aid and college application processes; and
(c) provide support to students from peers and knowledgeable adults.

Strengths

Weaknesses

3. Competitive Preference 7: Innovations To Address the Unique Learning Needs of Students With Disabilities and Limited English Proficient Students (0 or 1 Point)

We give competitive preference to applications for projects that would implement
innovative practices, strategies, or programs that are designed to address the unique learning needs of students with disabilities, including those who are assessed based on alternate academic achievement standards, or the linguistic and academic needs of limited English proficient students. To meet this priority, applications must provide for the implementation of particular practices, strategies, or programs that are designed to improve academic outcomes, close achievement gaps, and increase college- and career-readiness, including increasing high school graduation rates (as defined in this notice), for students with disabilities or limited English proficient students.

Strengths

Weaknesses

4. Competitive Preference 8: Innovations That Serve Schools in Rural LEAs (0, 1, or 2 Points)

We give competitive preference to applications for projects that would implement innovative practices, strategies, or programs that are designed to focus on the unique challenges of high-need students in schools within a rural LEA (as defined in this notice) and address the particular challenges faced by students in these schools. To meet this priority, applications must include practices, strategies, or programs that are designed to improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or improve teacher and principal effectiveness in one or more rural LEAs.

Strengths

Weaknesses

Status: Submitted

Last Updated: 07/07/2010 1:22 PM