



November 25, 2020

Brian Campbell, *Director*
Department of Education, *Bureau of Curriculum, Assessment and Instruction*
333 Market Street
Harrisburg, PA 17126-0333

Dear Mr. Campbell:

DRC is submitting for your review revised program pricing for DRC's contract with PDE for the Pennsylvania System Assessment (PSA) (contract number 4400015274).

2020-2021 STUDENT SURVEY ON SUMMATIVE ASSESSMENTS

BACKGROUND

PDE requested that DRC develop a solution that would allow students to record their responses to an "Opportunity to Learn" survey within the 2020/2021 paper and online assessments. The survey questions will be answered by students and will be related to educational setting, accessibility to the internet, and comfort with online education. The final survey questions for the 2020/2021 Winter Keystone Exams are attached with this memo.

The proposal below outlines the scope, assumptions, and pricing for the 2020/2021 Winter Keystone Exams student survey. DRC assumes that PDE will want to survey students for the 2021 Spring Keystone Exams and PSSA, so pricing is provided separately for these two administrations.

This pricing does not include the addition of the survey to the Classroom Diagnostic Tools (CDT). In addition, DRC does not intend to include the survey in our pricing for the first contract renewal year (2021-2022), which will include the 2021 Summer Keystone Exams. If PDE would like DRC to include pricing for the CDT and/or for test administrations that occur after spring 2021, please let us know.

The 11/25/20 version of this memo includes a price reduction for PDE's recent decision to eliminate DRC's direct connection to PAIUnet. Updates are in red font.

SURVEY DEVELOPMENT

DRC will partner with PDE to refine and finalize the survey questions and accompanying instructions. DRC's pricing assumes that there will be updates to the survey and instructions for the 2021 Spring Keystone Exams, based on the results of the winter survey. Additionally, DRC assumes there may be more substantial adjustments to the survey associated with the 2021 PSSA to increase the accessibility for younger test takers. All survey questions will be in selected-response format (i.e., there will be no open-ended items on the surveys).

SURVEY DELIVERY

For the paper assessments, schools will be responsible for providing students with the survey questions. School personnel must access the survey questions from DRC’s or PDE’s website and make arrangements to administer the survey to the students. DRC’s scope does not include any printing or distribution of the paper surveys. Students taking the online assessments will automatically receive the survey questions via the test engine. Note: The survey will be provided with or within non-accommodated test forms only (i.e., there will not be Spanish, Braille, Video Sign Language, or Speech-to-Text versions of the survey questions).

1. **Paper Testers:** Students taking the exams in the paper/pencil format will be instructed to respond to the survey questions on the Supplemental Data Field – a grid on the answer booklet that is included in all printed answer books for this type of unplanned data collection.
2. **Online Testers:** Students taking the exams in the computer-based testing format will be instructed to respond to survey questions that are included in the Code of Conduct (CoC) section of the tests.
 - The Winter Keystone online forms were already approved in DRC’s production environment at the time of PDE’s request (*i.e., ready for the release of the test content*). As such, it was necessary for DRC to perform rework on all Keystone forms to include the survey items. Additionally, since the forms intended to be administered in spring 2020 are being used as is for the 2021 spring assessment, DRC will have rework on those forms as well.

The table below provides the number of unique, online test forms per administration that needed/will need to be adjusted.

Administration	Total Online Forms	Total Online Form Count
Winter 2020/2021 Keystone Exams	3 forms/subject	9
Spring 2021 Keystone Exams	3 forms/subject	9
Spring 2021 PSSA	3 forms/grade and subject for ELA, Math, and Science	42

DRC is assuming the following related to the accommodated forms:

- **Braille:** DRC’s pricing does not include the production and distribution of brailled versions of the survey questions. Note: The Braille booklets for the 2021 spring assessments are already finished (i.e., these are the same Braille materials that were produced for the 2020 assessments). If PDE would like Braille versions of the survey translated and distributed,

there would be an additional cost and would not be available for the Winter Keystone Exams.

- Large Print (LP): DRC's pricing does not include the production and distribution of large-print versions of the survey questions. Schools can enlarge the printed survey questions for students who require this accommodation. This would enable students to respond to the survey in the LP answer document and will allow DRC to correlate survey responses to students who receive the accommodation.
- Video Sign Language (VSL): DRC's pricing does not include the production and distribution of VSL versions of the survey questions. Similar to the Braille materials, the VSL videos are already recorded and embedded in the accommodated online forms. Introducing a VSL version of the survey questions would require substantial effort to script and record new videos and embed those videos within the final forms. If PDE would like VSL versions of the survey produced and distributed, there would be an additional cost and would not be available for the Winter Keystone Exams.
- Text-to-Speech (TTS): DRC's pricing does not include the production and distribution of TTS versions of the survey questions. Note: The survey will be presented within the online Code of Conduct (CoC) section. This section of the online test does not include the audio accommodation because Test Administrators are instructed to read the CoC aloud to the students. Enabling TTS for the survey questions would automatically apply the same accommodation to the CoC, which would then cause the functionality of the CoC section to conflict with the instructions printed in the *Directions for Administration Manuals*. If PDE would like to include the survey items in the TTS test forms, there would be an additional cost and would not be available for the Winter Keystone Exams.

SURVEY RESPONSE CAPTURE

DRC will capture the responses to the paper and online survey questions via our Student Level Processing (SLP) procedures. The response information will be included on the PDE data files, as well as on internal psychometric files in the event PDE would like DRC to perform analyses on the data.

Please note that this estimate does not include data analysis. Scope and pricing for analysis will be handled separately if PDE would like DRC to do the analysis.

PRICING

The survey impacts DRC’s scope of work and corresponding pricing for PDE FY 2020-2021. The pricing listed in the table below reflects increases relative to the current contract. **The final price reflects a \$28,000 reduction for PDE’s recent decision to eliminate DRC’s direct connection to PAIUnet.**

Administration	PDE FY 2020-2021
Winter 2020/2021 Keystone Exams	\$37,330
Spring 2021 Keystone Exams	\$19,800
Spring 2021 PSSA	\$27,920
Total, if PDE chooses to include a student survey in all 2020-2021 summative test forms	\$85,050
Elimination of PAIUnet	(\$28,000)
Updated total, if PDE chooses to include a student survey in all 2020-2021 summative test forms	\$57,050

Please let me know if you would like to include survey questions on the spring assessment so that we can plan accordingly. Please also let me know if you have any questions.

Regards, Shaundra Sand

Data Recognition Corporation

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