



Elementary Science RFP Pre-Bid Meeting

October 9, 2019



Delaware
Department of Education



Important Dates

The proposed schedule of events subject to the RFP is outlined below:

- Public Notice Date: **October 1, 2019**
- Voluntary Pre-bid Meeting Date: **October 9, 2019**
- Deadline for Questions Date: **October 16, 2019**
- Response to Questions Posted by: Date: **October 23, 2019**
- Deadline for Receipt of Proposals Date: **November 6, 2019 at 2:00 PM (Local Time)**
- Estimated Notification of Award Date: **January 2020**





Overview of DE Science and DE Science Coalition

- Delaware has a long history of commitment to science teaching, learning, and assessment.
- Delaware first adopted the state science content standards in 1995 and has had a science state assessment since 2001.
- A unique feature in Delaware's science education is the long-standing leadership of the Science Coalition, which unifies school educators, local education associations (LEAs), partnering state agencies, higher education and business community.
- The Science Coalition has been integral in the development of a common understanding throughout the state on learning targets, shared science curricular resources, instructional supports, assessment policies and procedures, and general policy supports.
- The efforts benefit Delaware with an unusual coherence of the content standards, local curriculum, and state and local assessments across the state.
- This coherence is maintained through coordinated resources and efforts, such as professional development that involves over 2000 science teachers-over 25% of the science teachers in the state-annually.
- The Delaware Coalition members include most of the districts and charter schools in Delaware and provide materials for 120,000 students.





Overview of DE Science Coalition

The Coalition and Delaware Department of Education, as the fiscal agent, strongly wish to build on these strengths to develop a rigorous professional development plan, along with an adoption of high quality NGSS aligned curricular resources and science kits/materials that reflect and foster systemic coherence through a robust channel of continuous improvement by:

- Teacher and instructor feedback,
- Use of formative and summative assessments and;
- Coalition members further review curriculum, instruction, and professional development using the data collected to adjust one or all three components.



Overview of DE Science

- Delaware adopted the NGSS as the state's science content standards in October 2013.
- The NGSS and associated materials were developed in a state led process managed by Achieve, which built on the previously developed Framework for K-12 Science Education.
- These standards are significantly different than previous content standards in that they are “tri-partite” in nature, consisting of “Disciplinary Core Ideas,” “Science and Engineering Practices,” and “Crosscutting Concepts.”
- A key choice made in the development process of the NGSS was to develop a set of Performance Expectations for each grade level/span. Each of these Performance Expectations typically involves a single content, practice, and cross-cutting concept.
- Another key design choice was to recommend a set of instructional topics for each grade/span that organized sets of Performance Expectations.



Overview of RFP

- The purpose of this RFP is to solicit high quality proposals from qualified bidders to assist the DE Science Coalition in the development and implementation of a Kindergarten through Grade 5 elementary science program. Services outlined in this RFP are expected to directly produce or support the following three quality instructional components:
 - Instructional curricular resources;
 - Professional development and/or
 - Resources kit/materials





Action Item 1

Action Item: Develop a Professional Development plan or plans that address(es) below questions, along with the number of days of training and the cost for the training(s). Refer to (Appendix C) on how each grade level might be broken down for the training(s).

The bidder must provide a detailed plan that outlines how they intend to meet the requirements AND choose 2-3 additional questions from the list below that you think are most imperative.

- How will you provide opportunities for educators' to reflect and give feedback on their professional learning?
- How will you provide experiences and examples to maintain high student engagement in all science and engineering practices integrated with Disciplinary Core Ideas and Crosscutting Concepts?
- How will your company provide strategies for teachers that build on students' personal interests and their cultural and community of knowledge?
- How will your company modeling teaching strategies consistent with three-dimensional learning throughout the professional development experience and provide supports for integrating those strategies into classroom practice?
- How will your company collaborate with the DE Science Coalition in advance of professional development to develop a clear set of goals for the learning experience?
- How will your company engage educators in reflection on important learning processes associated with cross-subject integration (e.g., how writing teaching engages students in reflecting on science reasoning, how the practices of mathematics supports students reasoning about relationships between variables in a science investigation?
- If the DE Science Coalition adopts an Open Education Resource, what sorts of professional learning could you provide to support materials and/or pedagogy as a result of this RFP?



Criteria for Selection

Professional Development

Criteria	Scoring
Support of formative assessment practices	5 pts
Cyclical planning and sustained development	5 pts
Equitable teaching and learning strategies	5 pts
Modeling of curricular intent and material usage	5 pts
Differentiation for adult learners	5 pts
Beliefs and knowledge from educators and collaboration	5 pts
Cross curricular connections	5 pts
Cost Effectiveness	5 pts
Experience	5 pts
Total	45 pts
	45 x 2.22 = 100%



Action Item 2

Action Item: Provide documentation on how each grade level unit/topic will:

- Addresses the PEs, (<https://www.nextgenscience.org/search-standards>);
- How each unit addresses a phenomenon or problem;
- Describe how students are using three-dimensions to make sense of phenomena or design solutions to problems;
- Show support for understanding unit coherence and helping students link experiences to learning across all three dimensions and to phenomena or problems;
- How the materials provide rationale and robust support for implementing strategies that enhance student performances, thinking and metacognition, support for students with diverse learning; and
- Provide supports to monitor student progress in a three dimensional way.



Criteria for Selection

Curricular/Instructional Resources

Criteria	Scoring
Evidence of Phenomenon/Problem Driven Three Dimensional Learning	5 pts
Coherence	5 pts
Effective teaching strategies	5 pts
Support for students with diverse learning needs	5 pts
Support to monitor student progress	5 pts
Cost Effectiveness	5 pts
Total	30 pts
	30 x 3.33 = 100%



Action Item 3

Action Item: Develop a materials component/partial kit or kit plan or plan(s) that address(es) questions below, along with vendor's experience, how to support refurbishment of material and bulk ordering, how the vendor would go about developing a timeframe with DDOE, how a support system would be developed, and a breakdown of cost.

- What experience does the vendor have with providing high quality science materials components/partial kit materials and/or kit materials with support of refurbishment supplies to schools/districts or statewide use?
- What evidence of past bulk order supplies for school/district or statewide implementation is available from the vendor?
- What evidence of ability to meet strict timelines can be made available by the vendor relevant to large-scale shipments inclusive of living organisms as appropriate?
- What evidence does the vendor have to support their ability to provide flexibility/adjustments to meet DDOE's needs?
- What is the projected budget estimate for this project based on a year-to-year timeline? What is the projected cost of ongoing refurbishment of the K-5 program?
- What systems does the vendor have in place for supporting shipping materials, product quality and logistic inquiries (i.e. help desk, hours operation)?



Criteria for Selection

Materials Component/Partial kit or Kit Plan

Criteria	Scoring
Experience Supporting Elementary Adoption of Education Materials	5
Bulk order and Timeline	5
Cost Effectiveness	5
Total	15
	15 x 6.66 = 100%



Complete Application Package

- Seven paper copies with one marked “original” with original signatures and two electronic copies on separate USB sticks:
 - Transmittal Letter
 - Vendor Technical Proposal
 - Vendor Cost Proposal
 - Non Collusion Agreement marked “original” and notarized (Attachment 2)
 - Exception Form (Attachment 3)
 - Confidentiality Form (Attachment 4)
 - Business References (Attachment 5)
 - If applicable, Subcontractor Information Form (Attachment 6)



Application Submission

Deliver to:

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Education Associate, Financial Reporting and
Contracting

Delaware Department of Education

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RFP Designated Contact

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Questions

