Curricular Resource Management (CRM) Round 2

Last Updated: August 31, 2022

Purpose: The purpose of this document is to address questions regarding the Notice of Funding Opportunity / Request for Proposals pertaining to this grant. Questions received throughout the application period will be added to this document such that the information is made available to all eligible applicants. Changes will not be made to this document after September 30, 2022.

1. Who is eligible to apply for this grant?
Eligible applicants include universities and community colleges offering agricultural education teacher preparation programs. Those applicants awarded during the first round of GAST in FY23 are not eligible to apply for additional funds in this round. Previous applicants who were not awarded and/or eligible applicants that did not apply are eligible to submit proposals.

2. What changes have been made to the RFP since it's initial release on August 26, 2022?
The following changes have been made:
- Information on page 1 regarding the Dun and Bradstreet Universal Numbering System (DUNS) Number has been removed as DUNS is no longer utilized.
- A citation regarding allowable indirect cost rates for this grant has been added on page 9.
- A tiebreaker mechanism has been added to page 14.
- Updated secured forms information on page 11 (additional budget pages for FY24 & FY25)
- Updated secured forms to include budget pages for FY24 (6A & 6B) and FY25 (7A & 7B)

3. What is meant by Model of Instruction?
A model of instruction is a recommended process for teaching a designated course in agriculture, food, and natural resources. A model of instruction is characterized by four deliverable products: a recommended course outline, material purchasing list, daily pacing guide, and extended learning guide. Each of these products is define more thoroughly in the RFP on page 3. Models of instruction will be taught to teachers through immersive professional learning which is also described further in the RFP starting on page 4.

4. What is meant by curricular review in the deliverables section?
One responsibility of the successful grantee will be to develop and implement a process to regularly review existing Illinois Agricultural Education core curriculum materials for accuracy and standard alignment. This process will include creating a standard review checklist and concurrent training on the use of said list. The program goal is to review at least 10% of all existing Illinois Agricultural Education curricular resources each year and document these reviews using the standard checklists.

5. Can ISBE provide an example of a Model of Instruction?
Models of instruction have never been formally developed or adopted by Illinois Agricultural Education. While course outlines have been published in the past to address similar needs for educators, this level of detail has not been provided. However, example templates (Figures 5a-5d) have been pasted on the next page to provide prospective applicants an idea of what is expected from this grant project.

Figure 5a. Example Template for Detailed Course Outline

ILAGED

<Course Title>

<Detailed Course Outline>

<Course Description>

Unit 1. <Title>
<Unit Description>

Lesson 1.1 <Title>

Essential Understandings	Key Labs & Activities
1.	1.
2.	2.
3.	3.
4.	4.

Lesson 1.2 <Title>

Essential Understandings	Key Labs & Activities
1.	1.
2.	2.
3.	3.
4.	4.

Figure 5b. Example Template for Material Purchasing List

ILAGED

<Course Title>

Material Purchasing List

IMPORTANT: This purchasing list is based on a standard classroom of twenty students. Available vendors for each individual item are subject to change. Teachers are encouraged to source local goods and services as available. Alternative material ideas listed in item descriptions below. Items below eligible to be purchased with Incentive Funding Grant monies from ISBE.

Item Number	Item Name	Item Description	Quantity
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			

Figure 5c. Example Template for Daily Pacing Guide

<Course Title>

Daily Pacing Guide

IMPORTANT: This pacing guide is for advance planning and preparation purposes. It is not intended to replace detailed course outlines or teacher-developed plans. Please refer to lesson plans as well as the individual activities and lab experiments for specific instructions as you prepare. This timeline has been developed for a 45-50-minute class period. Adjust as needed for your school schedule.

Day	Lesson	Activity/Lab	Presentation Slides	Preparation Notes
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

Figure 5d. Example Template for Extended Learning Guide

<Course Title>

Extended Learning Guide

IMPORTANT: This extended learning guide is for supplemental resources and experiences to the existing model of instruction. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

Unit 1. <Title>

Lesson 1.1 <Title>

FFA Opportunities	SAE Activities
1.	1.
2.	2.
3.	3.
4.	4.

Lesson 1.2 <Title>

FFA Opportunities	SAE Activities
1.	1.
2.	2.
3.	3.
4.	4.

6. How many early-career agriculture teachers are there in Illinois currently?

The performance measures for this grant outline percentages of early career agriculture teachers for engagement in curriculum related professional learning. Below is a table outlining the number of early career teachers in FY20 through FY23 (present). Note that information for FY23 is estimated as teachers are still being identified and vacancies are currently being filled. This information is intended to serve as a reference for logistical and financial planning in applicant proposals.

Table 6a. Historical Early Career Agriculture Teacher Population in Illinois

	FY20	FY21	FY22	FY23 Estimate
Early Career Teachers (Years 1-5)	145	173	195	205
20% Target	29	35	39	41
15% Standard	22	26	29	31

Performance measures regarding professional development engagement do not begin until FY 2025 as described in the NOFO/RFP. The *target* for this performance measure is our realistic goal for this project while the *standard* is the minimum requirement for success. Achievement of the performance standard is a factor in renewal of funding in the subsequent year.

7. Can the grantee adopt CASE curriculum as models of instruction?

Yes. Curriculum for Agricultural Science Education (CASE) and other existing curricular resources may be adopted as models of instruction. Grant funding may be used to adapt these resources as necessary and pay for related professional development.

8. What ISBE approved agricultural education courses align with existing CASE resources?

ISBE offers a vast array of approved courses in Agriculture, Food, and Natural Resources. Many of these courses align with current CASE course offerings. After reviewing the free and available online course descriptions, standards, and outlines online, ISBE staff has compiled examples of quality alignments below.

Table 8a. Illinois Agricultural Education Courses v. CASE Courses Crosswalk

CASE Course	Best Fit ISBE Course	Other ISBE Courses Aligned
AgXplore Middle School	Exploring Food & Agriculture 18001A002	Principles of AFNR 18001A003 STEM in AFNR 18001A004
Introduction to Agriculture, Food, and Natural Resources	Introduction to the Agricultural Industry 18001A001	Basic Agricultural Science 18003A001
Agricultural Business Foundations	Basic Agricultural Business 18201A002	Agricultural Business Management 18201A001 Agricultural Entrepreneurship 18202A002
Agricultural Science - Animal	Animal Science 18101A002	Basic Animal Science 18101A003 BSAA - Animals 18101A003

Agricultural Science - Plant	Crop Science 18051A003	Basic Horticultural Science 18052A001 BSAA - Plants 18051A002
Agricultural Power and Technology	Basic Agricultural Mechanics 18404A001	Basic PSAA 18449A002 Agricultural Engineering 18405A002
Natural Resources & Ecology	Basic Natural Resource Management 18504A003	Natural Resources Conservation and Management 18504A002 Basic Environmental Science 18504A004
Food Science & Safety	Food Science 18305A001	Food Manufacturing & Management 18305A002
Animal & Plant Biotechnology	Agricultural Biotechnology 18308A001	Agricultural and Biological Engineering (ABE) 18308A002 Basic Biotechnology 18308A003
Mechanical Systems in Agriculture	Agricultural Engineering 18405A002	Advanced PSAA 1844A003 Advanced Agricultural Mechanics 18402A001
Environmental Science Issues	Advanced Environmental Science & Issues 18504A005	Environmental Science 18504A001
Technical Applications in Agriculture	Agricultural Machinery Service 18449A001	Advanced Agricultural Engine Maintenance 18405A004 Advanced Agricultural Mechanics 18404A002
Agricultural Research and Development Capstone	Current Issues in Agriculture, Food, and Natural Resources 18307A002	*Left Intentionally Blank*