

Appropriations Project Request - Fiscal Year 2020-21

For projects meeting the Definition of House Rule 5.14

1. Title of Project: Workforce Pipeline Project - Matching Grant
2. Date of Submission: 11/15/2019
3. House Member Sponsor: Rene Plasencia
Members Copied:

4. DETAILS OF AMOUNT REQUESTED:

- a. Has funding been provided in a previous state budget for this activity? No
If answer to 4a is "No" skip 4b and 4c and proceed to 4d, Col. E
- b. What is the most recent fiscal year the project was funded?
- c. Were the funds provided in the most recent fiscal year subsequently vetoed?
- d. Complete the following Project Request Worksheet to develop your request:

FY:	Input Prior Year Appropriation for this project for FY 2019-20 <i>(If appropriated in 2019-20 enter the appropriated amount, even if vetoed.)</i>			Develop New Funds Request for FY 2020-21 <i>(Requests for additional RECURRING funds are prohibited.)</i>		
Column:	A	B	C	D	E	F
Funds Description:	Prior Year Recurring Funds	Prior Year Nonrecurring Funds	Total Funds Appropriated <i>(Recurring plus Nonrecurring: column A + column B)</i>	Recurring Base Budget <i>(Will equal non-vetoed amounts provided in Column A)</i>	Additional Nonrecurring Request	TOTAL Nonrecurring plus Recurring Base Funds <i>(Will equal the amount from the Recurring base in Column D plus the Additional Nonrecurring Request in Column E.)</i>
Input Amounts:					1,000,000	1,000,000

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2020-21? No
 - 5a. If yes, which state agency?
 - 5b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested? Department of Education
 - 5c. Has the appropriate state agency for administering the funding, if the request were appropriated, been contacted? Yes
 - 5d. Describe penalties for failing to meet deliverables or performance measures which the agency should provide in its contract to administer the funding if appropriated.
Termination of funding

6. Requester:

- a. Name: Stefanie Steele
- b. Organization: Project Lead the Way, Inc
- c. Email: ssteele@pltw.org
- d. Phone #: (386)334-8738

7. Contact for questions about specific technical or financial details about the project:

- a. Name: Stefanie Steele
- b. Organization: Project Lead the Way, Inc
- c. Email: ssteele@pltw.org
- d. Phone #: (386)334-8738

8. Is there a registered lobbyist working to secure funding for this project?

- a. Name: Adam Giery
- b. Firm: Strategos Group
- c. Email: agiery@strategosgroup.com
- d. Phone #: (404)462-2767

9. Organization or Name of entity receiving funds:

- a. Name: Project Lead the Way
- b. County (County where funds are to be expended): Alachua, Brevard, Broward, Duval, Escambia, Flagler, Hillsborough, Indian River, Lake, Marion, Okaloosa, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, St. Johns, Santa Rosa, Seminole, Volusia
- c. Service Area (Counties being served by the service(s) provided with funding): Alachua, Brevard, Broward, Duval, Escambia, Flagler, Hillsborough, Indian River, Lake, Marion, Okaloosa, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, St. Johns, Santa Rosa, Seminole, Volusia

10. What type of organization is the entity that will receive the funds? (Select one)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government
- University or College

Other (Please describe)

11. What is the specific purpose or goal that will be achieved by the funds being requested?

The Workforce Pipeline Project will establish a seed grant for school districts in eligible industry cluster regions to implement PLTW and serve up to 80,000 students. Student benefit: Provide skills in computer science, engineering, and biomedical science to prepare students for in demand majors and careers. Teacher benefit: Professional development focused on 21st century skills. Community benefit: A talented workforce pipeline that will sustain and grow Florida's economic opportunities.

12. Provide specific details on how funds will be spent. (Select all that apply)

Spending Category	Description	Nonrecurring (Should equal 4d, Col. E) Enter "0" if request is zero for the category
Administrative Costs:		
<input type="checkbox"/> a. Executive Director/Project Head Salary and Benefits		
<input type="checkbox"/> b. Other Salary and Benefits		
<input type="checkbox"/> c. Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> d. Consultants/Contracted Services/Study		
Operational Costs:		
<input type="checkbox"/> e. Salaries and Benefits		
<input checked="" type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other	PLTW serves in excess of 2.5 million students a year. The allowable expenses for up to 80,000 students to benefit from this project include: PLTW PreK-12 curriculum, which provides industry developed subject matter expertise that simulates real-world engineering, biomedical science, and computer science scenarios and transportable skills,	1,000,000

	Robust teacher professional development, and required course supplies, such as robotics kits, diagnostic kits, printers, and circuit boards.	
<input type="checkbox"/> g. Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
<input type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering		
TOTAL		1,000,000

13. For the Fixed Capital Costs requested with this issue (In Question 12, category “h. Fixed Capital Outlay” was selected), what type of ownership will the facility be under when complete? (Select one correct option)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government (e.g., police, fire or local government buildings, local roads, etc.)
- State agency owned facility (For example: college or university facility, buildings for public schools, roads in the state transportation system, etc.)
- Other (Please describe)

14. Is the project request an information technology project?

No

15. Is there any documented show of support for the requested project in the community including public hearings, letters of support, major organizational backing, or other expressions of support?

Yes

15a. Please Describe:

PLTW programs are implemented in 500+ FL schools. Supported by fortune 500 companies and recognized by FC100 as exemplary CTE curriculum, PLTW is designed by industry to ensure graduates are equipped with industry ready skills. Since (PLTW) inception in 1997, corporate partners have invested \$100 Million into school grants to expand CTE skills. To date, Florida received in excess of \$3,000,000 from PLTW/Industry grants from Lockheed Martin, Toyota, Verizon, Atlas, and Georgia-Pacific.

16. Has the need for the funds been documented by a study, completed by an independent 3rd party, for the area to be served?

No

17. Will the requested funds be used directly for services to citizens?

Yes

17a. What are the activities and services that will be provided to meet the purpose of the funds?

The grant funding will be available to school districts in eligible industry cluster regions to: Implement new PLTW programs in PreK- grade 5 (PLTW Launch), grades 6 -8 (PLTW Gateway), and grades 9-12 (PLTW Biomedical, PLTW Computer Science, PLTW Engineering), Provide teachers with PLTW professional development required for the courses being implemented, Purchase of necessary supplies to correspond with the implemented courses.

17b. Describe the direct services to be provided to the citizens by the funding requested.

Research shows that students with access to PLTW are 3 times more likely to major in STEM and have increased employment opportunities with top STEM companies. The (up to) \$1 million match from PLTW for PreK-5 will expose students to high quality STEM during early learning which can reduce the equity gap often seen in STEM, while the state's funding will be used for grades 6-12 which will help middle and high school students obtain industry certifications and high level skills.

17c. Describe the target population to be served (i.e., "the majority of the funds requested will serve these target populations or groups.").

Select all that apply to the target population:

- Elderly persons
- Persons with poor mental health
- Persons with poor physical health
- Jobless persons
- Economically disadvantaged persons
- At-risk youth
- Homeless
- Developmentally disabled
- Physically disabled
- Drug users (in health services)
- Preschool students
- Grade school students
- High school students
- University/college students

- Currently or formerly incarcerated persons
- Drug offenders (in criminal Justice)
- Victims of crime
- General (The majority of the funds will benefit no specific group)
- Other (Please describe)

17d. How many in the target population are expected to be served?

- < 25
- 25-50
- 51-100
- 101-200
- 201-400
- 401-800
- >800

18. What benefits or outcomes will be realized by the expenditure of funds requested? (Select each Benefit/Outcome that applies)

Benefit or Outcome	Provide a specific measure of the benefit or outcome	Describe the method for measuring level of benefit
<input type="checkbox"/> Improve physical health		
<input type="checkbox"/> Improve mental health		
<input type="checkbox"/> Enrich cultural experience		
<input type="checkbox"/> Improve agricultural production/promotion/education		
<input checked="" type="checkbox"/> Improve quality of education	PLTW has strong correlation with math and science achievement scores, and subject matter persistence in post-secondary education. Offering real world, problem based, computational thinking exercises, PLTW students are hired directly by industry partners or afforded admission preference in 200 universities. In addition, our	Massachusetts and Georgia have invested in statewide PLTW program opportunities and have used student and teacher surveys to determine improvement in quality of education. Samples surveys may be provided. Additionally, college and career readiness indicators could be evaluated.

	graduates are offered corporate apprenticeship programs, statewide endorsed industry certifications.	
<input type="checkbox"/> Enhance/preserve/improve environmental or fish and wildlife quality		
<input type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.)		
<input type="checkbox"/> Improve transportation conditions		
<input checked="" type="checkbox"/> Increase or improve economic activity	Students earn industry credentials through PLTW including; Autodesk Inventor, Autodesk, Inventor, Biotechnician Assistant, Florida Engineering Society Professional Cert, and AP PLTW College and Career Credential. Additionally, PLTW high school graduates are nearly three times more likely to major in STEM versus non-PLTW graduates. Source: Pike, Gary and Kirsten Robbins 2014.	Measurement of enrollment/completions and credentials obtained.
<input type="checkbox"/> Increase tourism		
<input type="checkbox"/> Create specific immediate job opportunities		
<input checked="" type="checkbox"/> Enhance specific individual's economic self sufficiency	Research supports early exposure to STEM curricula, beyond magnet and gifted programs, as it exposes and encourages student engagement in STEM related careers. PLTW graduates are recruited to enter workforce fields, receive college credit, and industry certification.	Track through college and career placement data.

	Former PLTW students are employed by leading industry and government careers in Engineering, Computer Science, and Biomedical science.	
<input type="checkbox"/> Reduce recidivism		
<input type="checkbox"/> Reduce substance abuse		
<input type="checkbox"/> Divert from Criminal/Juvenile justice system		
<input type="checkbox"/> Improve wastewater management		
<input type="checkbox"/> Improve stormwater management		
<input type="checkbox"/> Improve groundwater quality		
<input type="checkbox"/> Improve drinking water quality		
<input type="checkbox"/> Improve surface water quality		
<input type="checkbox"/> Other (Please describe):		

19. Provide the total cost of the project for FY 2020-21 from all sources of funding (Enter "0" if amount is zero):

Type of Funding	Amount	Percent of Total	Are the other sources of funds guaranteed in writing?
1. Amount Requested from the State in this Appropriations Project Request:	1,000,000	50.0%	N/A
2. Federal:	0	0.0%	No
3. State: (Excluding the requested Total Amount in #4d, Column F)	0	0.0%	No
4. Local:	0	0.0%	No

5. Other:	1,000,000	50.0%	Yes
TOTAL	2,000,000	100%	

20. Is this a multi-year project requiring funding from the state for more than one year?

No