

Program Elements

Description of Programs & Rate Schedule

DIY Girls implements four core programs across 15 partnering LAUSD school sites. The provided rate schedule covers all direct costs associated with our STEM-based programming, including instructor time, recruitment materials, and program supplies. All additional costs (including overhead and fiscal sponsorship fees) incurred by our programming will be funded by public and private sources.

Creative Electronics (\$3,000 Per Session) - An intensive 10-week after-school program held at partnering elementary school sites for 5th grade girls. This program engages girls and sparks curiosity and exploration with technology by providing hands-on experiences that promote the development of technical skills, expression of their creativity, and confidence in their technical abilities. Two program instructors meet with participants for two-hour sessions once per week in an on-site classroom. Students learn about electricity and circuit building, while gaining practical skills such as troubleshooting through the testing of their own products. Examples of projects include a paper circuit kit, motorized robot, and interactive friendship bracelet.

Creative Coding (\$2,000 Per Session) - An intensive 10-week after school program that utilizes P5.js, a language for learning how to code within the context of the visual arts. DIY Girls partners with local middle schools to provide on-site programming for 6th through 8th grade girls. Two program instructors meet with participants for two-hour sessions once per week in an on-site classroom. Students practice computational thinking skills and learn the fundamentals of coding to create unique artwork. Lessons incorporate unplugged and online activities that build connections between coding concepts such as conditionals, variables, operators, and for-loops. Participants develop coding hard skills, computer programming mindsets, and the ability to approach failure as an opportunity for collaboration. Their final project involves the creation of a simple visual sound machine.

Creative Engineering (\$2,500 Per Session) - An intensive 10-week after-school program that was piloted during the 2017-2018 academic year. DIY Girls partners with local middle schools to provide on-site programming for 6th through 8th grade girls. The program introduces students to engineering concepts and related career fields such as aerospace engineering, computer animation, and video game design. Two program instructors meet with participants for two-hour sessions once per week in an on-site classroom. Participants utilize creativity and critical thinking to design and successfully execute their projects, all while learning to approach failure as an opportunity for collaboration. An example of a project to be completed has participants construct and launch paper rockets made from construction paper, cardstock, and styrofoam. As a result, each student will develop an understanding of the position of objects, motion and forces, and geometry.

Invent Girls (\$5,000 Per Session) - In this intensive year-long program, participants are guided through the design process to build prototypes that address a specific problem in their community, which is a fundamental and essential skill used by professional engineers worldwide. State of the art technology and “making” of products is central to the project. DIY Girls is currently partnering with San Fernando High School on a year-long Invent Girls program. A program instructor meets with participants in an on-site classroom twice per week during the school day, once per week afterschool, and one Saturday per month.

Price Schedule

DIY Girls (LAUSD RFP# 2000001809) - 2019 Rate Schedule				
PERSONNEL/SALARIES	Creative Electronics (10-Week Session)	Creative Coding (10-Week Session)	Creative Engineering (10-Week Session)	Invent Girls (1-Year Session)
Executive Director	\$1,071	\$1,500	\$1,500	\$7,500
Director of Programs	\$2,143	\$4,800	\$4,800	\$9,000
Program Coordinator	\$2,942	\$1,830	\$1,830	\$4,576
Program & Administrative Associate	\$1,270	\$1,383	\$1,383	\$1,976
Program Instructors	\$1,530	\$1,530	\$1,530	\$3,600
SUBTOTAL SALARIES	\$8,956	\$11,044	\$11,044	\$26,652
Fringe benefits	\$1,343	\$1,657	\$1,657	\$3,998
OTHER PERSONNEL				
Teacher Stipends	\$0	\$0	\$0	\$2,000
TOTAL PERSONNEL	\$10,300	\$12,700	\$12,700	\$32,650
PROGRAM OPERATIONS				
Recruitment Materials	\$100	\$100	\$100	\$100
Project Supplies	\$857	\$172	\$660	\$3,000
Circuitzine	\$143	\$176	\$153	\$0
Field Trips to Los Angeles STEM Firm	\$0	\$0	\$0	\$2,000
Office Supplies	\$200	\$200	\$200	\$200
Snacks				\$3,500
End-of-Year Showcase	\$0	\$0	\$0	\$1,250
Printing/Copying	\$269	\$190	\$126	\$1,060
SUBTOTAL PROGRAM OPERATIONS	\$1,569	\$838	\$1,239	\$11,110
SUBTOTAL DIRECT COSTS	\$11,869	\$13,538	\$13,939	\$43,760
OVERHEAD				
15% of total direct costs	\$1,780	\$2,031	\$2,091	\$6,564
TOTAL PROGRAM BUDGET	\$13,649	\$15,569	\$16,030	\$50,324
RATE SCHEDULE (Per Session)	\$3,000	\$2,000	\$2,500	\$5,000

Vendor Virtual Services Plan

Due to school closures, approved vendors on the Partners for Student Success bench that have a signed contract will need to submit their *Vendor Virtual Services Plan* to D’Sonya Oakley at dsonya.oakley@lausd.net from the Office of Partnerships and Grants. The plans will be vetted and shared with eligible schools to select the services they are interested in and follow up with vendors. Any new approved vendors that are in the process of signing their contract will also need to fill out the below form.

Things to Consider:

- Currently, certificated staff are required to supervise any services rendered to students by a third party.
- Recording and pictures of students is prohibited.
- District’s [Code of Conduct](#) is expected when interacting with students

Vendor’s Name: DIY Girls	Submittal Date: 8/25/2020
Schools Planning to Serve: Olive Vista Middle School, Pacoima Middle School, San Fernando Middle School, San Fernando Institute of Applied Media, Telfair Elementary School, Broadous Elementary School, Haddon Avenue STEAM Academy, O’Melveny Elementary School, Sara Coughlin Elementary School, Northridge Middle School, San Fernando High School.	
List the services in your agreement that can be provided virtually:	Creative Electronics, Creative Coding, Creative Engineering, Invent Girls
List the services in your agreement that cannot be provided virtually:	
List the platforms you plan to use for delivery of virtual services:	Zoom
Provide a brief description of how you plan to deliver each of your services virtually (i.e. coordinate with school to schedule 30 minute session once a week, etc.):	<p><u>Creative Electronics, Creative Coding, Creative Engineering, Invent Girls:</u></p> <ul style="list-style-type: none"> -Meet with school admin to coordinate student recruitment -Meet with school admin to coordinate 2hr session, once a week. -Work with school to safely distribute kits to enrolled participants (Kits will include materials needed for hands on projects). -Each program will have 2 DIY Girls instructors co-leading the virtual sessions and one additional staff member for support. This will ensure a 15:1 ratio and increase additional support for students.