

State of Maryland

2014 Bond Bill Fact Sheet

1. Senate LR # Bill #		House LR # Bill #		2. Name of Project
lr1848	sb0675	lr2963	hb1117	MdBio STEM Education Equipment Project
3. Senate Bill Sponsors				House Bill Sponsors
King				Barve
4. Jurisdiction (County or Baltimore City)			5. Requested Amount	
Montgomery County			\$200,000	
6. Purpose of Bill				
<p>Authorizing the creation of a State Debt not to exceed \$200,000, the proceeds to be used as a grant to the Board of Directors of the MdBio Foundation, Inc. for the acquisition, planning, design, construction, repair, renovation, reconstruction, and capital equipping of the MdBio STEM Education Equipment Project.</p>				
7. Matching Fund				
Requirements:		Type:		
Equal		The matching fund may consist of in kind contributions or funds expended prior to the effective date of this Act.		
8. Special Provisions				
<input checked="" type="checkbox"/> Historical Easement		<input checked="" type="checkbox"/> Non-Sectarian		
9. Contact Name and Title		Contact Phone	Email Address	
Liz Powell		2026217077	lpowell@g2gconsulting.com	
10. Description and Purpose of Grantee Organization (Limit Length to Visible area)				
<p>MdBio Foundation, Inc. has been providing innovative and effective STEM (Science, Technology, Education and Math) education for middle and high school students since 1997. The non-profit, (501 c 3) organization is dedicated to providing bioscience awareness, education, and workforce development in the state of Maryland. The Foundation accomplishes this through a diverse set of programs, including their flagship program, MdBioLab, their youth camp, the Young Science Explorers Program, and their leading-edge educational gaming platform, MdBioSphere.</p>				

11. Description and Purpose of Project (Limit Length to Visible area)

The funds would support the long-term (lasting 15+ years) equipment needs of a unique, state-wide STEM education program in a self-sufficient science laboratory for high schools. The program provides authentic STEM career experiences for an average of 500 students per week at 35 different high schools each year through laboratory education standards. Built upon scientist educator collaborations to address Maryland's STEM education challenges by providing equity of access to authentic, hands-on, problem-based, innovative education for students, educators, and the community, this program requires capital equipment to function. (No funds are requested for the purposes of acquisition, design and construction.)

Round all amounts to the nearest \$1,000. The totals in Items 12 (Estimated Capital Costs) and 13 (Proposed Funding Sources) must match. The proposed funding sources must not include the value of real property unless an equivalent value is shown under Estimated Capital Costs.

12. Estimated Capital Costs

Acquisition	0
Design	0
Construction	0
Equipment	\$200,000
Total	\$200,000

13. Proposed Funding Sources – (List all funding sources and amounts.)

Source	Amount
A/V & technology system-Tablets, networking, instructors camera, televisions, microphone and speaker	\$35,000
Fixed Cabinets, Countertops, Instructor and Student Work Stations (\$40,000) Generators	\$40,000
Generators	\$25,000
Handicap wheel chair lift	\$4,000
Refrigerator/Freezer	\$4,000
HVAC, Electrical, Lighting and Floor Covering	\$75,000
Safety equipment and PTE	\$5,000
Water system: Hot water heater, fresh and gray water stor	\$15,000
Total	\$203,000

14. Project Schedule (Enter a date or one of the following in each box. N/A, TBD or Complete)			
Begin Design	Complete Design	Begin Construction	Complete Construction
7/15/2014	9/15/2014	10/15/2014	9/15/2015
15. Total Private Funds and Pledges Raised		16. Current Number of People Served Annually at Project Site	17. Number of People to be Served Annually After the Project is Complete
\$200,000		10,000 high school students, 150 teachers	20,000 high school students, 300 teachers
18. Other State Capital Grants to Recipients in Past 15 Years			
Legislative Session	Amount	Purpose	
None			
19. Legal Name and Address of Grantee		Project Address (If Different)	
MdBio Foundation, Inc.		9210 Corporate Blvd, Suite 470 Rockville, MD 20850	
20. Legislative District in Which Project is Located	99 - Statewide		
21. Legal Status of Grantee (Please Check one)			
Local Govt.	For Profit	Non Profit	Federal
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
22. Grantee Legal Representative		23. If Match Includes Real Property:	
Name:	Liz Powell	Has An Appraisal Been Done?	Yes/No
Phone:	202-445-4242		No
Address:		If Yes, List Appraisal Dates and Value	
9210 Corporate Blvd, Suite 470 Rockville, MD 20850			

24. Impact of Project on Staffing and Operating Cost at Project Site			
Current # of Employees	Projected # of Employees	Current Operating Budget	Projected Operating Budget
5	8	\$1,200,000	\$2,000,000
25. Ownership of Property (Info Requested by Treasurer's Office for bond issuance purposes)			
A. Will the grantee own or lease (pick one) the property to be improved?			Own
B. If owned, does the grantee plan to sell within 15 years?			No
C. Does the grantee intend to lease any portion of the property to others?			No
D. If property is owned by grantee and any space is to be leased, provide the following:			
Lessee	Terms of Lease	Cost Covered by Lease	Square Footage Leased
E. If property is leased by grantee – Provide the following:			
Name of Leaser	Length of Lease	Options to Renew	
26. Building Square Footage:			
Current Space GSF	35 x 12 feet		
Space to Be Renovated GSF	35 x 12 feet		
New GSF			
27. Year of Construction of Any Structures Proposed for Renovation, Restoration or Conversion		2015	

28. Comments: (Limit Length to Visible area)

The focus of the bond bill is to fund long-term equipment and fixtures, such as lab benches and the generator, for our STEM Education program that is very effective at educating students on STEM, increasing their interest and success in STEM courses, and showing them the path to STEM careers. This program has already educated students in every single county in the state but would like to double the number of students per year it reaches with this bond bill funding.