

State Of Maryland 2017 Bond Bill Fact Sheet

1. Senate LR # Bill #		House LR # Bill #		2. Name Of Project
		lr3266	hb1507	National Center for Manufacturing Sciences
3. Senate Bill Sponsors				House Bill Sponsors
				Lisanti
4. Jurisdiction (County or Baltimore City)			5. Requested Amount	
Harford County			\$300,000	
6. Purpose of Bill				
the acquisition, planning, design, construction, repair, renovation, reconstruction, site improvement, and capital equipping of a facility for the Agile Materials Manufacturing Processing Center				
7. Matching Fund				
Requirements: Grant			Type:	
8. Special Provisions				
<input type="checkbox"/> Historical Easement			<input checked="" type="checkbox"/> Non-Sectarian	
9. Contact Name and Title		Contact Ph#	Email Address	
Delegate Mary Ann Lisanti		410-841-3331	MaryAnn.Lisanti@house.state.md.us	
10. Description and Purpose of Organization (Limit length to visible area)				
<p>The National Center for Manufacturing Sciences (NCMS) is a not-for-profit consortium representing a network of 450+ companies, with over 30 years of Government contracting and complex, collaborative research and development management experience. NCMS brings innovation into commercial implementation, leverages the resources and infrastructure of each participant to arrive at technology solutions that improve the competitive standing of our manufacturing base. It was the first and is still the best cross-sector consortium that is addressing the competitiveness of the nations manufacturers.</p>				

11. Description and Purpose of Project (Limit length to visible area)

In collaboration with the U.S. Army Research Laboratory, 15 of the worlds leading corporations and research institutions are uniting to establish the Agile Materials Manufacturing Processing Center, with the United States Army Research Laboratory in Aberdeen, Maryland. The Center will serve as the national epicenter for public/private partnership in the development groundbreaking materials and manufacturing technology for aerospace/defense systems. AMMP will serve as principal site for leading aerospace/ defense scientists and engineers to engage with U.S. Army researchers in order to change the manufacturing paradigm of how future Army vehicles, aircraft, and munitions of unparalleled performance, reliability, and efficiency are ARLs Weapons and Materials Research Directorate.

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	\$300,000
Design	\$15,000
Construction	\$5,000
Equipment	\$15,000
Total	\$335,000

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

US Army Reserach Labratory	\$50,000,000
15 Defense cotractors	\$35,000,000
Total	\$85,000,000

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
7/1/2017	2/1/2018	2/1/2017	6/30/2017
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	
85000.00	250	400	
18. Other State Capital Grants to Recipients in the Past 15 Years			
Legislative Session	Amount	Purpose	
19. Legal Name and Address of Grantee		Project Address (If Different)	
NCMS 3025 Boardwalk Ann Arbor MI 48108			
20. Legislative District in Which Project is Located	34A - Harford County		
21. Legal Status of Grantee (Please Check One)			
Local Govt.	For Profit	Non Profit	Federal
[]	[]	[X]	[]
22. Grantee Legal Representative		23. If Match Includes Real Property:	
Name:		Has An Appraisal Been Done?	Yes/No
Phone:			No
Address:		If Yes, List Appraisal Dates and Value	

24. Impact of Project on Staffing and Operating Cost at Project Site			
Current # of Employees	Projected # of Employees	Current Operating Budget	Projected Operating Budget
200	600	0.00	50000000.00
25. Ownership of Property (Info Requested by Treasurer's Office for bond purposes)			
A. Will the grantee own or lease (pick one) the property to be improved?			Lease
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?			Yes
D. If property is owned by grantee any space is to be leased, provide the following:			
Lessee	Terms of Lease	Cost Covered by Lease	Square Footage Leased
US Army Research Laboratory	15 years		12,000 sq ft
E. If property is leased by grantee - Provide the following:			
Name of Leaser	Length of Lease	Options to Renew	
St. Johns Properties - Gate Project	15 years	yes	
26. Building Square Footage:			
Current Space GSF			
Space to be Renovated GSF	12,000		
New GSF	12,000		

27. Year of Construction of Any Structures Proposed for Renovation, Restoration or Conversion

2012

28. Comments

Maryland Economy: AMMP is ideally suited to meet the goals established by the 2016 Strategic Plan for Accelerating Economic Development in Maryland, which specifically recommended the establishment of innovation centers with concentrations in emerging technology including 3D printing manufacturing.

Investment and Jobs Within 5 years of operation, the AMMP is expected to bring tens of millions of dollars of private sector and federal government investment through the placement of state-of-the-art characterization tools, novel manufacturing technology found nowhere else in the world, innovative material processing equipment, R&D spending, and receipt of contracts and grants. In terms of jobs, the AMMP is expected to bring hundreds of new employees to Maryland through direct and indirect means through direct AMMP hires, new hires and relocations by industry partners and ARL, workforce development programs, industry apprenticeships, and higher education grants, internships, and co-ops (to include community colleges and technical schools); the University of Maryland and Johns Hopkins University each expect to see 50-100 students a year benefiting from the Center. The AMMP will not just be a building where advanced R&D and manufacturing takes place, it will be the center of an entirely new ecosystem of innovation, education, and workforce development. BEST is the Standard for Maryland and the AMMP will be the new standard for what BEST looks like.