



Jefferson Science Associates, LLC

Thomas Jefferson National Accelerator Facility

JSA Initiatives Fund Proposal
Attachment B - Budget Proposal

	Item Description		Amount
* Salary	_____	_____	
	_____	_____	
	_____	_____	
* Fringe Benefits		_____	
		Subtotal Salary & Fringes	
Equipment	gas supply cabinet	2000	
	vacuum system refurb.	2500	
	translation stage and controls	3000	
	optics and optical support, breadboard	4000	
		Subtotal Equipment	<u>\$11,500.00</u>
Travel	_____	_____	
	_____	_____	
	_____	_____	
		Subtotal Travel	
Supplies	gas bottles for laser	500	
	supplies for refurbishing plumbing	2000	
		Subtotal Supplies	<u>\$2,500.00</u>
Consultants/Subcontracts	_____	_____	
	_____	_____	
	_____	_____	
		Subtotal Consultants/Subcontracts	
Other Expenses (including * Indirect Costs)			
	indirects (53% excluding equipment)	\$1,325.00	
	_____	_____	
	_____	_____	
		Subtotal Other Expenses	<u>\$1,325.00</u>
Total Budget Proposal			<u><u>15325</u></u>

* Note: The Initiatives Fund is not intended for salary support or for the payment of indirect costs, and the inclusion of these costs in a proposal will be a factor in the evaluation for award.

Budget Justification
1 gas cabinet - needed to contain leaks from fluorine gas bottle and mixing manifold, cost estimate based on recent purchase of similar item by Prof. Wells.
2 vacuum system refurbishment - gas volume in excimer laser must be evacuated before laser gas injection, cost estimate based on number of valves, bellows, etc.
3 translation stage + controls - needed to hold sample and move it across the beam, cost estimate based on recent purchase of similar item by Prof. Eyler.
4 optics and supports - needed to support the laser beam optics and translation stage, (not a full optical table) estimate based on prices in Thorlabs catalog.
5 supplies - gas is for filling the laser before operations, supplies are for pump oil, plumbing, parts for refurbishment.
6 indirects - UConn indirect rate of 53% for all local research funded through grants, excludes equipment.