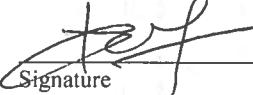
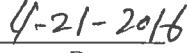


U.S. DEPARTMENT OF ENERGY

FIELD WORK PROPOSAL

1. WORK PROPOSAL NO.:	2. REVISION NO.:	3. DATE PREPARED:															
JLAB-HEP-02		April 2016															
4. WORK PROPOSAL TITLE: Dislocation Substructures on the Functional Properties of Niobium for SRF Cavities, focusing on microstructural, microchemical, and electromagnetic characteristic for Florida State University		5. BUDGET AND REPORTING CODE: KA2601020															
6. WORK PROPOSAL TERM: Begin <u>6/1/16</u> End <u>5/31/19</u>																	
7. HEADQUARTERS OFFICE PROGRAM MANAGER: Eric Colby, (301) 903-5475 Eric.Colby@science.doe.gov		8. HEADQUARTERS ORGANIZATION: Office of Science															
9. DOE FIELD ELEMENT WORK PROPOSAL REVIEWER: Joseph Arango, (757) 269-5094 arango@jlab.org		10. DOE FIELD ELEMENT: Thomas Jefferson Site Office															
11. CONTRACT WORK PROPOSAL MANAGER: Pashupati Dhakal, (757) 269-7470 dhakal@jlab.org		12. CONTRACTOR NAME: Jefferson Science Associates, LLC, Thomas Jefferson National Accelerator Facility (Jefferson Lab)															
13. Proposal Description Funding is being requested pursuant to a proposal that was submitted and reviewed through the Portfolio Analysis and Management System (PAMS). PAMS Proposal ID: 222686.																	
14. CONTRACTOR WORK PROPOSAL MANAGER  Signature		15. OPERATIONS OFFICE REVIEW OFFICIAL  Date															
16. DETAIL ATTACHMENTS <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;"><input type="checkbox"/> a. Facility Requirements</td> <td style="width: 33%;"><input type="checkbox"/> f. Technical Progress</td> <td style="width: 34%;"><input type="checkbox"/> k. Deliverables</td> </tr> <tr> <td><input type="checkbox"/> b. Publications</td> <td><input type="checkbox"/> g. Future Accomplishments</td> <td><input type="checkbox"/> l. Performance measures/expectations</td> </tr> <tr> <td><input type="checkbox"/> c. Purpose</td> <td><input type="checkbox"/> h. Relationships to Other Projects</td> <td><input type="checkbox"/> m. ES&H Considerations</td> </tr> <tr> <td><input type="checkbox"/> d. Background</td> <td><input type="checkbox"/> i. NEPA Projects</td> <td><input type="checkbox"/> n. Human/Animal Subjects</td> </tr> <tr> <td><input type="checkbox"/> e. Approach</td> <td><input type="checkbox"/> j. Milestones</td> <td><input type="checkbox"/> o. Other (Specify)</td> </tr> </table>			<input type="checkbox"/> a. Facility Requirements	<input type="checkbox"/> f. Technical Progress	<input type="checkbox"/> k. Deliverables	<input type="checkbox"/> b. Publications	<input type="checkbox"/> g. Future Accomplishments	<input type="checkbox"/> l. Performance measures/expectations	<input type="checkbox"/> c. Purpose	<input type="checkbox"/> h. Relationships to Other Projects	<input type="checkbox"/> m. ES&H Considerations	<input type="checkbox"/> d. Background	<input type="checkbox"/> i. NEPA Projects	<input type="checkbox"/> n. Human/Animal Subjects	<input type="checkbox"/> e. Approach	<input type="checkbox"/> j. Milestones	<input type="checkbox"/> o. Other (Specify)
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16. DETAIL ATTACHMENTS

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<input type="checkbox"/> e. Approach	<input type="checkbox"/> j. Milestones	<input type="checkbox"/> o. Other (Specify)

**WORK PACKAGE REQUIREMENTS FOR OPERATING/EQUIPMENT
OBLIGATIONS AND COSTS**

CONTRACTOR NAME: Jefferson Science Associates, LLC. Thomas Jefferson National Accelerator Facility (Jefferson Lab)		WORK PROPOSAL #: JLAB-HEP-02			REV. #:		DATE PREPARED: April 2016		
		FY2015 Allocated	FY2016 Target	FY2017 Request	FY2017 Authorized	FY2018 Request	FY2019 Request	FY2020 Request	FY2021 Request
17. STAFFING (STAFF YEARS)									
a. SCIENTIFIC		0.1	0.1			0.1			
b. OTHER DIRECT		0.0	0.0			0.0			
c. TOTAL DIRECT		0.1	0.1			0.1			
18. OPERATING EXPENSE (in thousands)									
a. TOTAL OBLIGATIONS (B/A)		25	25			25			
b. TOTAL COSTS (B/O)		25	25			25			
19. EQUIPMENT (in thousands)									
a. EQUIP OBLIGATIONS (B/A)									
b. EQUIPMENT COSTS (B/O)									
20. MILESTONE SCHEDULE (Tasks)			<u>Dates</u>		<u>Proposed \$</u>		<u>Authorized \$</u>		
21. REPORTING REQUIREMENTS (Description):									