

**U. S. DEPARTMENT OF ENERGY  
FIELD WORK PROPOSAL**

1. WORK PROPOSAL NO.: <p align="center">2416.1</p>	2. REVISION NO.:	3. DATE PREPARED: <p align="center">03-15-07</p>	3a. CONTRACTOR NO.: <p align="center">57116</p>
4. WORK PROPOSAL TITLE: Disposal of an Uranium Calorimeter Prototype Module			
5. BUDGET & REPORTING CODE: KA-11-02-08	6. WORK PROPOSAL TERM: Begin:                      End:	7. IS THIS WORK PACKAGE INCLUDED IN THE INST. PLAN? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	7a. PRINCIPAL INVESTIGATORS: Repond, J.
8. HEADQUARTERS/OPERATIONS OFC PROGRAM MANAGER: Staffin, R.                      No. 301-903-3624	11. HEADQUARTERS ORGANIZATION: High Energy Physics		14. DOE ORG. CODE: SC
9. DOE FIELD ORGANIZATION WORK PROPOSAL REVIEWER:	12. DOE FIELD ORGANIZATION: Chicago		15. DOE ORG. CODE: CH
10. CONTRACTOR WORK PROPOSAL MANAGER: Weerts, H.J.                      No. 630-252-8831	13. CONTRACTOR NAME: UChicago Argonne, LLC		16. CODE: 12
17. IS THIS PROPOSAL TO DO WORK THAT INCLUDES A SECURITY INTEREST? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
18. WORK PROPOSAL DESCRIPTION (Approach, anticipated benefit in 200 words or less):  <p align="center">The aim of this project is to dispose of the depleted Uranium plates in the ZEUS Detector at HERA and in ZEUS prototype modules at Argonne and CERN.</p>			
19. CONTRACTOR WORK PROPOSAL MANAGER:  <p align="center"><i>H. Weerts</i></p> <hr/> <p align="center">SIGNATURE</p>		20. OPERATIONS OFFICE REVIEW OFFICIAL:  <p align="center">03-15-07</p> <hr/> <p align="center">DATE</p>	
19. CONTRACTOR WORK PROPOSAL MANAGER:  <p align="center">03-15-07</p> <hr/> <p align="center">DATE</p>		20. OPERATIONS OFFICE REVIEW OFFICIAL:  <p align="center">03-15-07</p> <hr/> <p align="center">DATE</p>	
21. DETAIL ATTACHMENTS: (See specific attachments.)			
<input type="checkbox"/> a. Facility requirements	<input checked="" type="checkbox"/> e. Approach	<input type="checkbox"/> i. NEPA requirements	<input type="checkbox"/> m. ES&H considerations
<input type="checkbox"/> b. Publications	<input checked="" type="checkbox"/> f. Technical progress	<input checked="" type="checkbox"/> j. Milestones	<input type="checkbox"/> n. Human/Animal Subjects
<input checked="" type="checkbox"/> c. Purpose (mandatory)	<input checked="" type="checkbox"/> g. Future accomplishments	<input type="checkbox"/> k. Deliverables	<input type="checkbox"/> o. Security requirements
<input type="checkbox"/> d. Background	<input checked="" type="checkbox"/> h. Relationships to other projects	<input type="checkbox"/> l. Performance Measures/Expectations	<input checked="" type="checkbox"/> p. Other (specify)

**WORK PROPOSAL REQUIREMENTS FOR OPERATING/EQUIPMENT  
OBLIGATIONS AND COST**

CONTRACTOR NAME UChicago Argonne, LLC		WORK PROPOSAL NO. 2416.1		REVISION NO.		CONTRACTOR NO. 57116		DATE PREPARED 01/30/2007	
21. STAFFING (in staff years)		PRIOR YEARS	FY2007	FY2008	FY2009		FY2010	FY2011	TOTAL TO COMPLETE
				ESTIMATE	REQUEST	AUTHORIZED			
a. Scientific .....			0.1	0.3	0.0		0.0	0.0	
b. Other Direct .....			0.0	0.0	0.0		0.0	0.0	
c. Technical Services* .....			0.0	0.0	0.0		0.0	0.0	
d. Total Direct .....			0.1	0.3	0.0		0.0	0.0	
23. OBLIGATIONS AND COSTS (in thousands)									
a. Total Obligations .....			55	46	0		0	0	
b. Total Costs .....			52	46	0		0	0	
24. EQUIPMENT (in thousands)									
a. Equipment Obligations .....			0	0	0		0	0	
b. Equipment Costs .....			0	0	0		0	0	
25. MILESTONE SCHEDULE (Tasks)		FY2009 DOLLARS				PROPOSED SCHEDULE	AUTHORIZED SCHEDULE		
		PROPOSED		AUTHORIZED					
26. REPORTING REQUIREMENTS									

\* Technical services staffing includes ANL support divisions' scientific effort.

CONTRACTOR NAME UChicago Argonne, LLC	CONTRACTOR CODE CH	CONTRACTOR NUMBER 57116	
WORK PACKAGE NUMBER	WORK PROPOSAL NUMBER 2416.1	DATE PREPARED 03-15-07	REVISION NUMBER

## 21. DETAIL ATTACHMENTS: (See specific attachments.)

- |  |   |   |   |
|--|---|---|---|
| <input type="checkbox"/> a. Facility requirements          | <input type="checkbox"/> e. Approach                        | <input type="checkbox"/> i. NEPA requirements                 | <input type="checkbox"/> m. ES&H considerations   |
| <input type="checkbox"/> b. Publications                   | <input type="checkbox"/> f. Technical progress              | <input type="checkbox"/> j. Milestones                        | <input type="checkbox"/> n. Human/Animal Subjects |
| <input checked="" type="checkbox"/> c. Purpose (mandatory) | <input type="checkbox"/> g. Future accomplishments          | <input type="checkbox"/> k. Deliverables                      | <input type="checkbox"/> o. Security requirements |
| <input type="checkbox"/> d. Background                     | <input type="checkbox"/> h. Relationships to other projects | <input type="checkbox"/> l. Performance Measures/Expectations | <input type="checkbox"/> p. Other (specify)       |

a) FY 2007 Goals: Dispose of the ZEUS prototype module located at Argonne. This module contains approximately nine tons of depleted Uranium. The module is expected to be disposed of by the end of FY 2007.

b) FY 2008 Plans: Data taking with the ZEUS experiment will be completed by July 2007. After the end of the experiment, all of the Uranium calorimeter modules will be returned to the US for final disposal. The Uranium plates located at CERN will be disposed of at the same time as part of this clean-up effort.

Argonne will serve as contact between the DESY laboratory, the disposal site (Envirocare, Utah), and the Department of Energy.

c) FY 2009 Plans: No further activities.