

NATIONAL SPHERICAL TORUS EXPERIMENT UPGRADE PROJECT

Engineering Change Proposal (ECP)

Part I To be Completed by Originator

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ECP-048

COVER PAGE

Originator (CAM) Smith

Date Submitted 08/17/2012

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ECP No. 048

ECP Title Updated estimated costs are more than original budget for several tasks. Request additional budget.

Required Reviewers
(Change Control Board)

<input type="checkbox"/> Williams	<input checked="" type="checkbox"/> Langish
<input checked="" type="checkbox"/> Strykowski	<input type="checkbox"/> Other...
<input checked="" type="checkbox"/> Dudek	
<input type="checkbox"/> Stevenson	

Change Level 2 Federal Project Director

Approvals

Change Level	Approving Official	Approval	Signature
3	NSTXU Project Manager	<input type="checkbox"/> Yes <input type="checkbox"/> No	
3a Expedited ECP	NSTXU Engineering Lead	<input type="checkbox"/> Yes <input type="checkbox"/> No	
2	NSTXU Federal Project Dir.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
1	Associated Director OFES	<input type="checkbox"/> Yes <input type="checkbox"/> No	
0	Deputy Secretary of Energy	<input type="checkbox"/> Yes <input type="checkbox"/> No	

Approval Date 8/20/2012

Primavera Updated ☐
Cobra Updated ☐
WAD Updated ☐
RAM Updated ☐

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PART I

Originator (CAM) Smith

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Type of ECP ☐ Standard ☐ Expedited

Type of Change (Check all that apply) ☒ Technical ☐ Cost ☐ Schedule ☐ Editorial ☐ Other

Reason for Change Updated estimated costs are more than original budget for several tasks. Request additional budget for M&S for:

task 1201-48a

task 1205-49

task 1205-108

Impacted WBS Elements ☒ 1.1 ☐ Milestone
☐ 1.2 ☐ Other...
☐ 1.3
☐ 1.4
☐ 1.5
☐ 1.6
☐ 1.7
☐ 1.8
☐ PEP

Control Accounts ☐ 1000 ☐ 1306 ☐ 2470 ☐ 5000 ☐ 8200
☐ 1001 ☐ 1307 ☐ 2475 ☐ 5200 ☐ 8210
☐ 1002 ☐ 1310 ☐ 2480 ☐ 5501 ☐ 8250
☒ 1200 ☐ 2300 ☐ 2485 ☐ 6100 ☐ Other...
☐ 1300 ☐ 2420 ☐ 2490 ☐ 7200
☐ 1301 ☐ 2425 ☐ 3200 ☐ 7300
☐ 1302 ☐ 2430 ☐ 3300 ☐ 7400
☐ 1303 ☐ 2440 ☐ 3400 ☐ 7100
☐ 1304 ☐ 2450 ☐ 4100 ☐ 7710
☐ 1305 ☐ 2460 ☐ 4500 ☐ 7900

Impacts of Change Increased cost
(Briefly Describe)

Impact on Materials Parts Already Manuf. ☐ Yes ☒ No

If yes, what is recommended disposition

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Detailed Description of Change

Description of Change Updated estimated cost is more than original budget for several tasks. Request additional budget for M&S for:

task 1201-48B (new task): Additional funds to fabricate components, TFO structures
add \$110k for TFOL weldments and In718 rod ends 1 day duration 10/15/12

task 1205-49: Fab & Delivery
add \$8k for Lower Lid

task 1205-108: Receipt of hardware
add \$10k for Upper Lid

<u>Task</u>	<u>Before</u>	<u>After</u>	<u>Delta</u>
1201-0048B (new task)	\$-	\$145,200.00	\$145,200.00
1205-0049	\$188,224.04	\$198,784.04	\$10,560.00
1205-0108	\$186,452.64	\$199,652.64	\$13,200.00
Net Contingency Draw:			\$168,960.00

Submitted by:

Mark Smith

Reviewed by:

Larry Dudek

SUBMIT ECP

Do not fill in information below this point

List of Attachments ☐ Primavera Schedule (Before/After) ☐ Cobra (Before/After) ☐ Other...