

NATIONAL SPHERICAL TORUS EXPERIMENT UPGRADE PROJECT

Engineering Change Proposal (ECP)

Part I To be Completed by Originator

[Main Menu](#)[Log](#)[Print PDF](#)

ECP-033

COVER PAGE

Originator (CAM) Dudek

Date Submitted 6/8/2012

[Top](#)

ECP No. 033

ECP Title In Control Account 1000 increase the Title III Analysis Support task (LOE) to 900 man hours/FY. This equates to 75 hrs/mo from June 2012 through September 2014. Reduce FY12 and FY13 HP Allocation task in Control Account 7710.

Required Reviewers
(Change Control Board)

☒ Williams ☒ Langish
☒ Strykowski ☐ Other...
☒ Dudek
☒ 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

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

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PART I

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Type of ECP ☒ Standard ☐ Expedited

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

Reason for Change The Title III Analysis Support task is currently budgeted at 900 man-hours total between 6/14/2011 and 9/25/2014. This level of support is insufficient and needs to be raised to 900 man-hours per fiscal year. This equates to 75 man-hours per month June 2012 and Sept 2014. Reduce FY12 and FY13 HP Allocation task in Control Account 7710.

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 (contingency draw).
(Briefly Describe)

Impact on Materials Parts Already Manuf. ☐ Yes ☒ No

If yes, what is recommended disposition

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[Main Menu](#)[Log](#)[Print PDF](#)

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Detailed Description of Change

Description of Change

The Title III Analysis Support task 1000-0022 (LOE) in Control Account 1000 is currently budgeted at 900 man-hours total between 6/14/2011 and 9/25/2014. This level of support is insufficient and needs to be raised to 900 man-hours per fiscal year. This equates to 75 man-hours per month or a total of 2100 hours between June 2012 and Sept 2014. The current task equates to ~ 22.5 man hours/mo. Increase the total man-hours/FY to ~75/mo which is an additional 1470 man hours.

1. Current task 900 man hours total (~22.5/mo)
2. Increase task 1000-0022 to 2370 man hours which will yield ~ 75 mh/mo or 900/FY in June 12 through Sept 14

Contingency draw = \$320,777.8

Submitted by (CA 1000):

In Control Account 7710:

1. Reduce task CS9500090 NSTX Upgrade HP Allocations FY12 by \$17,200 which reduces this task from \$535,040.00 to \$504,768.00, a reduction of \$30,272.00
2. Reduce task CS9500100 NSTX Upgrade HP Allocations FY13 by \$18,000 which reduces this task from \$481,500.00 to \$449,290, a reduction of \$32,210.00

Contingency draw = -\$62,482.00

Net Contingency draw = \$258,295.80

SUBMIT ECP

Do not fill in information below this point

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