

NATIONAL SPHERICAL TORUS EXPERIMENT UPGRADE PROJECT

Engineering Change Proposal (ECP)

Part I To be Completed by Originator

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ECP-096

COVER PAGE

Originator (CAM) Ramakrishnan

Date Submitted 08/19/2013

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ECP No. 096

ECP Title For Control Account 2470 a budget increase is necessary due to sub-contract quotes being more than budgeted cost for activity 247000750 "Installation of 2nd NBI Raceway".

Required Reviewers
(Change Control Board)

<input checked="" type="checkbox"/> Williams	<input checked="" type="checkbox"/> Langish
<input checked="" type="checkbox"/> Strykowski	<input type="checkbox"/> Other...
<input type="checkbox"/> Dudek	
<input checked="" 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 8/21/2013

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

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PART I

Originator (CAM) Ramakrishnan

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Type of ECP ☒ Standard ☐ Expedited

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

Reason for Change For Control Account 2470 a budget increase is necessary due to sub-contract quotes being more than budgeted cost for activity 247000750 "Installation of 2nd NBI Raceway".

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 (Briefly Describe) Cost increase.

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**

480k\$ was budgeted for NB2 Cabling Installation. Two Bids were received for this task based on our Statement of Work and Installation Procedure. One bid is for \$637424 and another for \$861630. Both the bidders have requisite experience and expertise. It is proposed to award the sub-contract for the lowest bidder at a cost of \$637,424. This is more than the budgeted cost by \$157424.

Add additional budget of \$157,424 (no overhead required due to being above and beyond the first \$250K)

Contingency draw: \$157,424

Submitted by:

Subrahmanya Ramakrishnan

Reviewed by:

Tim Stevenson

SUBMIT ECP

Do not fill in information below this point

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