NCSX Work Approval Form (WAF)

WBS Number: 58
WBS Title: Central I&C Integration
Job Number: 5801
Job Title: Central I&C Integration
Job Manager: Paul Sichta

Description:

The Central I&C Integration provides oversight and interface coordination with other WBS elements as the NCSX design progresses.

Schedule:

See Attached

Approvals:

_____   _____
Job Manager   Date

_____   _____
Responsible Line Manager   Date

_____   _____
Project Manager   Date

_____   _____
Engineering Department Head   Date

WBS Number: 58
WBS Title: Central I&C Integration
Job Number: 5801
Job Title: Central I&C Integration
Job Manager: Paul Sichta

Description:
Title I and

Activity ID	Activity Description	41MS	43MS/CC	48MS	37STK	35TRVL	FY07$K ECEM	ECTB	EMTB	EASB	EEEM	EETB	Basis of Estimate
													Originally manhours estimate based on NSTX experience. However, this estimate has been updated to reflect experience of experieince on other similar networking installation projects.
58-10	WBS58 -FY07 Management & Integration						50						
58-20	WBS58 -FY08 Management & Integration						160						
58-30	WBS58 -FY09 Management & Integration						120						
58-40	WBS58 -FY09 Management & Integration						120						
	Subtotal Job 5801	*$0.0K*	*$0.0K*	*$0.0K*	*$0.0K*	*$0.0K*	330	0	0	0	0	0	

WBS Number: 58						
WBS Title: Central I&C Integration						
Job Number: 5801						
Job Title: Central I&C Integration						
Job Manager: Paul Sichta						
Materials and Subcontracts (M&S)					**Basis of Estimate**	
Description:						
See Table I						

WBS Number: 58										
WBS Title: Central I&C Integration										
Job Number: 5801										
Job Title: Central I&C Integration										
Job Manager: Paul Sichta										
In-house Fabrication and Assembly and Installation										
See Table I										

NCSX June 2007 ETC
TABLE IV - Uncertainty of Estimate and Residual Risk Assessment

WBS Number: 58
WBS Title: Central I&C Integration
Job Number: 5801
Job Title: Central I&C Integration
Job Manager: Paul Sichta

Uncertainty of the Estimate

	High	Medium	Low	Uncertainty Range (%)	Comments/Other Considerations
Design Maturity	X				LOE activity based on previous I&C Project experience (e.g., NSTX)
				-5%/+10%	
Design Complexity			X		LOE activity based on previous I&C Project experience (e.g., NSTX)

Note: High/Medium/Low uncertainty assessment from Job Manager. Uncertainty range based on AACEI recommended practice 18R-97 as amended for NCSX.

Residual Impacts

					Cost Impact		Schedule Impact	
Job	Risk Description	Likelihood of Occurring	Mitigation Plan	Basis of estimate	Low	High	Low	High
NONE								

Notes:
[1] Low cost and schedule impacts are considered the minimum (0-percentile) impacts should the event occur.
    High cost and schedule impacts are considered the maximum (100-percentile) impacts should the event occur
[2] Cost impacts should be entered as man-hours (by demographic) and M&S direct cost under basis of estimate.
    Cost impacts should NOT include standing army costs which are separately calculated from the schedule impact
    Project control is reponsible for quantifying the low and high cost impacts based on the labor hours and M&S identified
[3] The schedule impacts should be entered as the min and max impacts on the critical path.
    If there is no critical path impact then the schedule entries should be zero.
[4] Likelihood of occurrence should be entered consistent with our risk classification methodology, i.e.
     VL= Very Likely (P>80%), L=Likely (80%>P>40%), U=Unlikley (40%>P>10%), VU=Very Unlikely (P<10%), NC=Non-credible (P<1%

Job5801_R2.xls   Table IV - Conting & Risk   7/3/2007 10:45 AM

58 - Central I&C management and Integration

Job: 5801 - Central I&C Integr& Oversight-SICHTA

Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days)	Baseline Start	Baseline Finish	Shifts	Total Float	% cmplt	Proposed Budgeted	FY07	FY08	FY09	FY10	FY11	FY12
R58-10		WBS58 -FY07 Management & Integration LOE	107	01MAY07*	01OCT07		1,248	LOE	7,039.66	ec//em=50					
R58-20		WBS58 -FY08 Management & Integration LOE	250	01OCT07*	30SEP08		999	LOE	24,107.20		ec//em=160				
R58-30		WBS58 -FY09 Management & Integration LOE	249	01OCT08*	30SEP09		750	LOE	18,610.80			ec//em=120			
R58-40		WBS58 -FY10 Management & Integration LOE	248	01OCT09*	30SEP10		502	LOE	19,243.20				ec//em=120		
Subtotal			853	01MAY07	30SEP10		502	LOE	69,000.86						