

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE															FORM APPROVED OMB No. 0704-0188				
															DOLLARS IN Thousands of \$				
1. CONTRACTOR					2. CONTRACT					3. PROGRAM					4. REPORT PERIOD				
a. NAME Princeton University-Plasma Physics Lab					a. NAME DOE-SC-OFES-NSTX Upgrade					a. NAME NSTX Upgrade Project					a. FROM (YYYYMMDD) 2014 / 05 / 01				
b. LOCATION (Address and ZIP Code) Princeton, New Jersey					b. NUMBER DE-AC02-09CH11466					b. PHASE CD-3					b. TO (YYYYMMDD) 2014 / 05 / 31				
					c. TYPE M&O					c. EVMS ACCEPTANCE NO X YES (YYYYMMDD) 2011 / 12 / 20									
5. CONTRACT DATA																			
a. QUANTITY 1	b. NEGOTIATED COST 87,834	c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0	d. TARGET PROFIT/FEE 0	e. TARGET PRICE 87,834	f. ESTIMATED PRICE 0	g. CONTRACT CEILING 0	h. ESTIMATED CONTRACT CEILING 0	i. DATE OF OTB/OTS (YYYYMMDD)											
6. ESTIMATED COST AT COMPLETION									7. AUTHORIZED CONTRACTOR REPRESENTATIVE										
MANAGEMENT ESTIMATE AT COMPLETION (1)			CONTRACT BUDGET BASE (2)			VARIANCE (3)			a. NAME (Last, First, Middle Initial) Ronald Strykowski					b. TITLE Project Manager					
a. BEST CASE 0									c. SIGNATURE					d. DATE SIGNED (YYYYMMDD)					
b. WORST CASE 0																			
c. MOST LIKELY 0			87,834			87,834													
8. PERFORMANCE DATA																			
WBS (3)		CURRENT PERIOD						CUMULATIVE TO DATE						REPROGRAMMING ADJUSTMENTS			AT COMPLETION		
ITEM (1)	BUDGETED COST		ACTUAL COST WORK PERFORMED (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED (9)	VARIANCE		COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)			
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)									
1.1 1.1 Torus Systems	221	344	737	123	-394	24,593	23,441	28,639	-1,152	-5,198	0	0	0	25,385	31,157	-5,773			
1.2 1.2 Plasma Heating	407	677	468	270	209	23,116	20,964	19,437	-2,151	1,528	0	0	0	23,629	22,136	1,493			
1.3 1.3 Auxiliary System	34	32	13	-2	19	365	304	323	-61	-18	0	0	0	682	700	-17			
1.4 1.4 Plasma Diagnostics	3	9	46	5	-37	2,126	2,012	2,453	-115	-442	0	0	0	2,126	2,568	-442			
1.5 1.5 Power Systems	231	619	509	388	110	10,171	8,699	8,363	-1,472	336	0	0	0	10,479	10,738	-259			
1.6 1.6 Central I&C	42	36	44	-5	-8	855	674	655	-181	19	0	0	0	994	1,105	-111			
1.7 1.7 Project Support & Integra	193	193	297	0	-105	13,626	13,573	13,211	-53	363	0	0	0	14,513	14,551	-38			
1.8 1.8 Assembly	470	163	243	-308	-80	8,767	7,794	6,765	-973	1,029	0	0	0	10,026	9,246	780			
b. COST OF MONEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
c. GENERAL AND ADMINISTRATIVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
d. UNDISTRIBUTED BUDGET	0																		
e. SUBTOTAL	1,601	2,072	2,357	471	-285	83,618	77,462	79,845	-6,157	-2,384	0	0	0	87,834	92,201	-4,368			
f. MANAGEMENT RESERVE	0																		
g. TOTAL	1,601	2,072	2,357	471	-285	83,618	77,462	79,845	-6,157	-2,384	0	0	0	87,834					
9. RECONCILIATION TO CONTRACT BUDGET BASELINE																			
a. VARIANCE ADJUSTMENT																			
b. TOTAL CONTRACT VARIANCE																			
										-6,157	-2,384			87,834	0	87,834			

CONTRACT PERFORMANCE REPORT FORMAT 2 - ORGANIZATIONAL CATEGORIES														FORM APPROVED OMB No. 0704-0188				
1. CONTRACTOR		2. CONTRACT				3. PROGRAM				4. REPORT PERIOD								
a. NAME Princeton University-Plasma Physics Lab		a. NAME DOE-SC-OFES-NSTX Upgrade				a. NAME NSTX Upgrade Project				a. FROM (YYYYMMDD) 5/1/2014								
b. LOCATION (Address and ZIP Code) Princeton, New Jersey		b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 5/31/2014								
c. TYPE M&O		d. SHARE RATIO				c. EVMS ACCEPTANCE #NAME? NO #NAME? YES (YYYYMMDD) #NAME?												
5. PERFORMANCE DATA																		
OBS (2)	CURRENT PERIOD						CUMULATIVE TO DATE						REPROGRAMMING			AT COMPLETION		
	BUDGETED COST		ACTUAL	VARIANCE		BUDGETED COST		ACTUAL	VARIANCE		ADJUSTMENTS			BUDGETED	ESTIMATED	VARIANCE		
	WORK SCHEDULED (2)	WORK PERFORMED (3)	COST WORK PERFORMED (4)	SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)	COST WORK PERFORMED (9)	SCHEDULE (10)	COST (11)	COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	(14)	(15)	(16)		
ITEM (1)																		
Center Stack	\$1,019.89	\$1,221.13	\$1,606.24	\$201.23	-\$385.11	\$48,426.50	\$44,473.54	\$48,469.88	-\$3,952.96	-\$3,996.34	\$0.00	\$0.00	\$0.00	\$51,315.08	\$56,860.37	-\$5,545.28		
Neutral Beam	\$449.48	\$719.28	\$619.37	\$269.81	\$99.91	\$26,500.13	\$24,348.97	\$22,630.11	-\$2,151.16	\$1,718.86	\$0.00	\$0.00	\$0.00	\$27,181.22	\$25,761.49	\$1,419.73		
Project Management	\$131.48	\$131.48	\$131.03	\$0.00	\$0.45	\$8,691.63	\$8,638.99	\$8,745.44	-\$52.64	-\$106.45	\$0.00	\$0.00	\$0.00	\$9,337.39	\$9,579.44	-\$242.05		
b. COST OF MONEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
c. GENERAL AND ADMINISTRATIVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
d. UNDISTRIBUTED BUDGET														\$0.00	\$0.00	\$0.00		
e. SUBTOTAL (Performance Measurement Baseline)	\$1,600.85	\$2,071.89	\$2,356.65	\$471.04	-\$284.75	\$83,618.26	\$77,461.51	\$79,845.43	-\$6,156.76	-\$2,383.92	\$0.00	\$0.00	\$0.00	\$87,833.69	\$92,201.29	-\$4,367.60		
f. MANAGEMENT RESERVE														\$0.00				
g. TOTAL	\$1,600.85	\$2,071.89	\$2,356.65	\$471.04	-\$284.75	\$83,618.26	\$77,461.51	\$79,845.43	-\$6,156.76	-\$2,383.92	\$0.00	\$0.00	\$0.00	\$87,833.69				

CONTRACT PERFORMANCE REPORT FORMAT 2 - ORGANIZATIONAL CATEGORIES														DOLLARS IN		Thousands of \$		FORM APPROVED	
1. CONTRACTOR				2. CONTRACT				3. PROGRAM				4. REPORT PERIOD							
a. NAME Princeton University-Plasma Physics Lab				a. NAME DOE-SC-OFES-NSTX Upgrade				a. NAME NSTX Upgrade Project				a. FROM (YYYYMMDD) 2014 / 05 / 01							
b. LOCATION (Address and ZIP Code) Princeton, New Jersey				b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 2014 / 05 / 31							
c. TYPE M&O				d. SHARE RATIO				c. EVMS ACCEPTANCE NO <input type="checkbox"/> X <input checked="" type="checkbox"/> YES (YYYYMMDD) 2011 / 12 / 20											
5. PERFORMANCE DATA																			
OBS (3)	CURRENT PERIOD						CUMULATIVE TO DATE						REPROGRAMMING			AT COMPLETION			
	BUDGETED COST		ACTUAL	VARIANCE		BUDGETED COST		ACTUAL	VARIANCE		ADJUSTMENTS			BUDGETED	ESTIMATED	VARIANCE			
	WORK SCHEDULED (2)	WORK PERFORMED (3)	COST WORK PERFORMED (4)	SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)	COST WORK PERFORMED (9)	SCHEDULE (10)	COST (11)	COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	(14)	(15)	(16)			
ITEM (1)																			
1000 CSU Analytical Support (Dudek)	17	17	5	0	12	638	638	646	0	-9	0	0	0	705	714	-9			
1001 CS Plasma Facing Components (Tresemer)	0	1	36	1	-35	2,110	2,035	1,907	-75	128	0	0	0	2,110	1,982	128			
1002 Passive Plate Analysis & Upgrade (Atnafu)	14	17	10	3	8	784	769	589	-15	180	0	0	0	996	817	179			
1200 Structures & Supports (Smith)	0	0	2	0	-2	3,805	3,805	4,510	0	-705	0	0	0	3,805	4,510	-705			
1300 Center Stack (Chrzanowski)	102	102	202	0	-100	2,723	2,723	3,194	0	-471	0	0	0	2,876	3,348	-471			
1301 Outer TF Coils (CLOSED)	0	0	0	0	0	471	471	477	0	-7	0	0	0	471	477	-7			
1302 Center Stack Assembly (Chrzanowski)	0	12	36	12	-24	845	250	254	-595	-4	0	0	0	845	849	-4			
1303 TF Joint Test Stand & Test (CLOSED)	0	0	0	0	0	353	353	225	0	128	0	0	0	353	225	128			
1304 Inner TF Bundle (Chrzanowski)	0	93	20	93	73	3,500	3,347	3,458	-153	-111	0	0	0	3,778	4,247	-469			
1305 Ohmic Heating Coil (Chrzanowski)	47	47	299	-1	-252	6,676	6,424	10,404	-252	-3,980	0	0	0	6,676	10,863	-4,187			
1306 Inner PF Coils (Chrzanowski)	40	40	84	0	-45	864	859	1,021	-5	-162	0	0	0	944	1,116	-171			
1307 CS Casing Assembly (Chrzanowski)	0	16	44	16	-28	1,384	1,328	1,513	-56	-185	0	0	0	1,384	1,569	-185			
1310 CSU Magnets Systems (CLOSED)	0	0	0	0	0	442	442	442	0	0	0	0	0	442	442	0			
3200 Water Cooling System Mods (Atnafu)	32	32	13	0	19	124	117	91	-7	25	0	0	0	420	394	25			
3300 Bakeout System Mods CSU (Raki)	2	0	0	-2	0	139	130	148	-9	-18	0	0	0	160	178	-18			
3400 Gas Delivery System Mods (Blanchard)	0	0	0	0	0	102	58	83	-44	-25	0	0	0	102	127	-25			
4100 Center Stack Diagnostics (Kaiba)	0	0	15	0	-15	836	765	773	-70	-8	0	0	0	836	843	-8			
4500 MPTS VV Modification (Labik)	0	0	1	0	-1	1,137	1,137	1,597	0	-461	0	0	0	1,137	1,597	-461			
5000 CSU Power Systems (Raki)	61	482	197	422	285	5,698	5,057	3,532	-641	1,525	0	0	0	5,735	4,657	1,078			
5200 DPCS (Stevenson)	92	89	216	-3	-127	2,652	2,327	3,455	-325	-1,128	0	0	0	2,692	3,969	-1,276			
5501 Coil Bus Runs (Atnafu)	78	48	96	-31	-48	1,820	1,315	1,376	-505	-61	0	0	0	2,051	2,112	-61			
6100 Control Sys Data Acquisition (Sichta)	42	36	44	-5	-8	855	674	655	-181	19	0	0	0	994	1,105	-111			
7200 Center Stack Management (Dudek)	19	19	15	0	4	1,550	1,550	1,272	0	278	0	0	0	1,624	1,346	278			
8200 CS & Coil Supt Struct Install (Perry)	257	134	179	-123	-45	6,573	6,174	5,546	-399	628	0	0	0	7,114	6,536	578			
8210 Field Supervision & Oversight (Perry)	28	28	28	0	0	1,314	1,314	1,128	0	186	0	0	0	1,426	1,240	186			
8250 Remove/Install Centerstack (Perry)	186	1	36	-185	-35	880	306	91	-574	216	0	0	0	1,485	1,470	16			
4501 Bay A and L RWM Coil (Labik)	3	9	30	5	-21	154	109	83	-45	27	0	0	0	154	128	26			
2300 ECH Analysis (CLOSED)	0	0	0	0	0	84	84	29	0	55	0	0	0	84	29	55			
2420 2nd NBI Sources (CLOSED)	0	0	0	0	0	99	99	61	0	38	0	0	0	99	61	38			
2425 BL Relocation (Cropper)	0	30	5	30	25	1,803	1,743	1,230	-60	512	0	0	0	1,803	1,290	512			
2430 2nd NBI Decontamination (CLOSED)	0	0	0	0	0	2,057	2,057	2,070	0	-13	0	0	0	2,057	2,070	-13			
2440 2nd NBI Beamline (Cropper)	0	31	5	31	26	1,979	1,932	1,554	-47	378	0	0	0	1,979	1,601	378			
2450 2nd NBI Services (Cropper)	52	107	161	55	-54	4,758	4,299	3,879	-460	420	0	0	0	4,950	4,531	420			
2460 2nd NBI Armor (Tresemer)	0	0	4	0	-4	761	754	983	-7	-229	0	0	0	761	990	-230			
2470 2nd NBI Power (Raki)	56	232	100	176	133	3,435	3,165	2,758	-270	406	0	0	0	3,492	3,086	406			
2475 2nd NBI Controls (Cropper)	24	137	49	114	89	2,611	1,920	1,513	-691	407	0	0	0	2,611	2,214	397			
2480 2nd NBI/TVPS Duct (Blanchard)	0	10	37	10	-27	2,094	2,087	2,449	-7	-362	0	0	0	2,094	2,456	-362			
2485 Vacuum Pumping System (Blanchard)	6	7	7	-6	-7	329	358	404	29	-46	0	0	0	388	434	-46			
2490 NTC Equipment Relocations (Perry)	270	129	101	-141	28	3,105	2,467	2,506	-638	-38	0	0	0	3,311	3,373	-61			
7300 NB2 Management (Stevenson)	22	22	18	0	3	1,017	1,017	839	0	178	0	0	0	1,103	925	178			
7400 Health Physics Support (Stevenson)	20	20	133	0	-113	2,368	2,368	2,354	0	14	0	0	0	2,449	2,700	-251			
7100 Project Management & Integration (Strykowski)	100	100	97	0	3	5,906	5,906	6,203	0	-297	0	0	0	6,412	6,844	-432			
7710 NSTX-U HP and Other Allocations (Strykowski)	32	32	34	0	-3	2,722	2,722	2,538	0	184	0	0	0	2,847	2,663	184			
7900 Integrated System (Gentile)	0	0	0	0	0	63	10	4	-53	6	0	0	0	78	72	6			
b. COST OF MONEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
c. GENERAL AND ADMINISTRATIVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
d. UNDISTRIBUTED BUDGET														0	0	0			
e. SUBTOTAL (Performance Measurement Baseline)	1,601	2,072	2,357	471	-285	83,618	77,462	79,845	-6,157	-2,384	0	0	0	87,834	92,201	-4,368			

CONTRACT PERFORMANCE REPORT													FORM APPROVED				
FORMAT 3 - BASELINE													OMB No. 0704-0188				
The public reporting burden for this collection of information is estimated to average 5.0 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.																	
1. CONTRACTOR			2. CONTRACT				3. PROGRAM				4. REPORT PERIOD						
a. NAME Princeton University-Plasma Physics Lab			a. NAME DOE-SC-OFES-NSTX Upgrade				a. NAME NSTX Upgrade Project				a. FROM (YYYYMMDD) 2014 / 05 / 01						
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 2014 / 05 / 31						
			c. TYPE M&O		d. SHARE RATIO		c. EVMS ACCEPTANCE NO <input type="checkbox"/> X <input checked="" type="checkbox"/> YES (YYYYMMDD) 2011 / 12 / 20										
5. CONTRACT DATA																	
a. ORIGINAL NEGOTIATED COST 77,317			b. NEGOTIATED CONTRACT CHANGES 10,516		c. CURRENT NEGOTIATED COST (a. + b.) 87,834		d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0		e. CONTRACT BUDGET BASE (c. + d.) 87,834		f. TOTAL ALLOCATED BUDGET 87,858		g. DIFFERENCE (e. - f.) -24				
h. CONTRACT START DATE (YYYYMMDD) 2009/02/23			i. CONTRACT DEFINITIZATION DATE (YYYYMMDD)				j. PLANNED COMPLETION DATE (YYYYMMDD) 2015/09/29			k. CONTRACT COMPLETION DATE (YYYYMMDD)		l. ESTIMATED COMPLETION DATE (YYYYMMDD) 2015/09/29					
6. PERFORMANCE DATA																	
Contract Change Number ITEM (1)	BCWS CUMULATIVE TO DATE (2)	BCWS FOR REPORT PERIOD (3)	BUDGETED COST FOR WORK SCHEDULED (BCWS) (Non-Cumulative)												UNDISTRIBUTED BUDGET (15)	TOTAL BUDGET (16)	
			SIX MONTH FORECAST (Enter names of months)						ENTER SPECIFIED PERIODS								
			+1 30JUN2014 (4)	+2 31JUL2014 (5)	+3 31AUG2014 (6)	+4 30SEP2014 (7)	+5 31OCT2014 (8)	+6 30NOV2014 (9)	31DEC2014 (10)	31JAN2015 (11)	28FEB2015 (12)	31MAR2015 (13)	30APR2015 (14)				
a. PERFORMANCE MEASUREMENT BASELINE (Beginning of Period)	82,042	1,484	1,584	1,068	975	338	27	0	0	0	0	0	0	0	0	0	87,517
b. BASELINE CHANGES AUTHORIZED DURING REPORTING PERIOD																	
ECP-111															8		
ECP-116															120		
ECP-115															189		
c. PERFORMANCE MEASUREMENT BASELINE (End of Period)	83,618		1,690	1,186	975	338	27	0	0	0	0	0	0	0	0	0	87,834
7. MANAGEMENT RESERVE															0		
8. TOTAL															87,834		

