

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 / 04 / 01						
b. LOCATION (Address and ZIP Code) Princeton, New Jersey					b. NUMBER DE-AC02-09CH11466					b. PHASE CD-3					b. TO (YYYYMMDD) 2014 / 04 / 30						
					c. TYPE M&O					d. SHARE RATIO					c. EVMS ACCEPTANCE NO X YES (YYYYMMDD) 2011 / 12 / 20						
5. CONTRACT DATA																					
a. QUANTITY	b. NEGOTIATED COST	c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK	d. TARGET PROFIT/FEE	e. TARGET PRICE	f. ESTIMATED PRICE	g. CONTRACT CEILING	h. ESTIMATED CONTRACT CEILING	i. DATE OF OTB/OTS (YYYYMMDD)													
1	87,517	0	0	87,517	0	0	0														
6. ESTIMATED COST AT COMPLETION																					
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			87,517			87,517												
8. PERFORMANCE DATA																					
WBS (3)		CURRENT PERIOD						CUMULATIVE TO DATE						REPROGRAMMING ADJUSTMENTS			AT COMPLETION				
		BUDGETED COST		ACTUAL COST WORK PERFORMED		VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED		VARIANCE		COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)		
ITEM (1)	WORK SCHEDULED (2)	WORK PERFORMED (3)	WORK SCHEDULED (4)	WORK PERFORMED (5)	SCHEDULE (6)	COST (7)	WORK SCHEDULED (8)	WORK PERFORMED (9)	WORK SCHEDULED (10)	WORK PERFORMED (11)	SCHEDULE (12)	COST (13)									
1.1 1.1 Torus Systems	124	327	553	203	-225	-225	24,372	23,097	27,901	23,097	-1,275	-4,804	0	0	0	0	25,076	30,578	-5,502		
1.2 1.2 Plasma Heating	746	404	370	-342	34	34	22,708	20,287	18,969	20,287	-2,421	1,319	0	0	0	0	23,629	22,398	1,231		
1.3 1.3 Auxiliary System	23	16	12	-7	4	4	331	272	310	272	-59	-38	0	0	0	0	682	719	-37		
1.4 1.4 Plasma Diagnostics	1	42	24	41	18	18	2,123	2,003	2,408	2,003	-120	-405	0	0	0	0	2,126	2,531	-404		
1.5 1.5 Power Systems	309	268	287	-41	-20	-20	9,940	8,080	7,854	8,080	-1,860	226	0	0	0	0	10,479	10,600	-121		
1.6 1.6 Central I&C	25	130	169	105	-39	-39	813	638	611	638	-175	27	0	0	0	0	994	972	22		
1.7 1.7 Project Support & Integra	193	193	242	0	-50	-50	13,433	13,381	12,913	13,381	-53	468	0	0	0	0	14,513	14,409	104		
1.8 1.8 Assembly	566	302	141	-264	161	161	8,321	7,631	6,522	7,631	-690	1,109	0	0	0	0	10,018	9,442	575		
b. COST OF MONEY	0	0	0	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	0	0	0		
d. UNDISTRIBUTED BUDGET																	0	0	0		
e. SUBTOTAL	1,985	1,681	1,798	-305	-117	-117	82,042	75,390	77,489	75,390	-6,652	-2,099	0	0	0	0	87,517	91,650	-4,133		
f. MANAGEMENT RESERVE																	0				
g. TOTAL	1,985	1,681	1,798	-305	-117	-117	82,042	75,390	77,489	75,390	-6,652	-2,099	0	0	0	0	87,517				
9. RECONCILIATION TO CONTRACT BUDGET BASELINE																					
a. VARIANCE ADJUSTMENT																					
b. TOTAL CONTRACT VARIANCE																					
												-6,652		-2,099		87,517		0		87,517	

Categories

CONTRACT PERFORMANCE REPORT FORMAT 2 - ORGANIZATIONAL CATEGORIES														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) 4/1/2014					
b. LOCATION (Address and ZIP Code) Princeton, New Jersey				b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 4/30/2014					
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 ADJUSTMENTS			AT COMPLETION		
ITEM (1)	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)	
Center Stack	\$1,065.73	\$1,103.02	\$1,202.22	\$37.29	-\$99.20	\$47,430.91	\$43,252.41	\$46,863.64	-\$4,178.50	-\$3,611.23	\$0.00	\$0.00	\$0.00	\$50,998.28	\$56,192.13	-\$5,193.85	
Neutral Beam	\$788.11	\$446.08	\$452.13	-\$342.02	-\$6.05	\$26,050.65	\$23,629.69	\$22,010.74	-\$2,420.97	\$1,618.95	\$0.00	\$0.00	\$0.00	\$27,181.22	\$25,881.11	\$1,300.11	
Project Management	\$131.48	\$131.48	\$143.59	\$0.00	-\$12.11	\$8,560.15	\$8,507.51	\$8,614.41	-\$52.64	-\$106.89	\$0.00	\$0.00	\$0.00	\$9,337.39	\$9,576.41	-\$239.02	
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)	\$1,985.32	\$1,680.58	\$1,797.95	-\$304.73	-\$117.37	\$82,041.72	\$75,389.61	\$77,488.78	-\$6,652.10	-\$2,099.17	\$0.00	\$0.00	\$0.00	\$87,516.89	\$91,649.65	-\$4,132.76	
f. MANAGEMENT RESERVE														\$0.00			
g. TOTAL	\$1,985.32	\$1,680.58	\$1,797.95	-\$304.73	-\$117.37	\$82,041.72	\$75,389.61	\$77,488.78	-\$6,652.10	-\$2,099.17	\$0.00	\$0.00	\$0.00	\$87,516.89			

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 / 04 / 01							
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 2014 / 04 / 30							
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 COST WORK PERFORMED (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED (9)	VARIANCE		ADJUSTMENTS			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)	COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)					
ITEM (1)																		
1000 CSU Analytical Support (Dudek)	18	18	7	0	10	621	621	641	0	-20	0	0	0	705	726	-21		
1001 CS Plasma Facing Components (Tresemer)	0	49	22	49	27	2,110	2,034	1,871	-76	164	0	0	0	2,110	1,947	163		
1002 Passive Plate Analysis & Upgrade (Atnafu)	10	0	3	-10	-3	770	751	579	-18	172	0	0	0	996	824	172		
1200 Structures & Supports (Smith)	0	0	3	0	-3	3,805	3,805	4,509	0	-704	0	0	0	3,805	4,509	-704		
1300 Center Stack (Chrzanowski)	42	42	94	0	-52	2,621	2,621	2,991	0	-371	0	0	0	2,688	3,258	-571		
1301 Outer TF Coils (CLOSED)	0	0	1	0	-1	471	471	477	0	-7	0	0	0	471	477	-7		
1302 Center Stack Assembly (Chrzanowski)	55	2	21	-53	-19	845	238	218	-607	20	0	0	0	845	825	20		
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	101	134	101	-34	3,500	3,254	3,438	-246	-184	0	0	0	3,778	4,093	-315		
1305 Ohmic Heating Coil (Chrzanowski)	0	96	183	96	-87	6,629	6,377	10,105	-252	-3,728	0	0	0	6,676	10,649	-3,973		
1306 Inner PF Coils (Chrzanowski)	0	20	42	20	-22	824	819	936	-5	-117	0	0	0	824	1,062	-238		
1307 CS Casing Assembly (Chrzanowski)	0	0	43	0	-43	1,384	1,312	1,469	-72	-158	0	0	0	1,384	1,541	-158		
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)	18	12	10	-6	3	92	85	79	-7	6	0	0	0	420	414	6		
3300 Bakeout System Mods CSU (Raki)	5	4	2	-1	1	137	130	148	-7	-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	33	2	33	30	836	765	758	-70	7	0	0	0	836	828	7		
4500 MPTS VV Modification (Labik)	0	0	1	0	-1	1,137	1,137	1,597	0	-460	0	0	0	1,137	1,597	-460		
5000 CSU Power Systems (Raki)	112	215	83	103	132	5,638	4,575	3,335	-1,063	1,239	0	0	0	5,735	4,657	1,078		
5200 DCPS (Hatcher)	91	53	133	-38	-80	2,560	2,238	3,239	-322	-1,001	0	0	0	2,692	3,879	-1,187		
5501 Coil Bus Runs (Atnafu)	106	0	71	-106	-71	1,742	1,267	1,280	-475	-13	0	0	0	2,051	2,064	-13		
6100 Control Sys Data Acquisition (Sichta)	25	130	169	105	-39	813	638	611	-175	27	0	0	0	994	972	22		
7200 Center Stack Management (Dudek)	19	19	16	0	2	1,531	1,531	1,257	0	274	0	0	0	1,624	1,350	274		
8200 CS & Coil Supt Struct Install (Perry)	237	273	103	36	170	6,341	6,040	5,368	-301	673	0	0	0	7,106	6,483	623		
8210 Field Supervision & Oversight (Perry)	29	29	33	0	-4	1,286	1,286	1,100	0	186	0	0	0	1,426	1,240	186		
8250 Remove/Install Centerstack (Perry)	300	0	5	-300	-5	694	305	54	-389	251	0	0	0	1,485	1,719	-234		
4501 Bay A and L RWM Coil (Labik)	1	9	20	8	-11	151	101	53	-50	48	0	0	0	154	106	48		
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	2	0	2	2	1,803	1,713	1,226	-90	487	0	0	0	1,803	1,316	487		
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	0	12	0	-12	1,979	1,901	1,549	-78	352	0	0	0	1,979	1,627	352		
2450 2nd NBI Services (Cropper)	195	55	126	-141	-72	4,706	4,191	3,718	-515	473	0	0	0	4,950	4,477	474		
2460 2nd NBI Armor (Tresemer)	2	14	11	12	3	761	754	979	-7	-225	0	0	0	761	986	-226		
2470 2nd NBI Power (Raki)	121	124	63	3	61	3,379	2,932	2,658	-447	274	0	0	0	3,492	3,218	274		
2475 2nd NBI Controls (Cropper)	56	39	29	-17	10	2,588	1,783	1,465	-805	318	0	0	0	2,611	2,304	308		
2480 2nd NBI/TVPS Duct (Blanchard)	0	15	66	15	-52	2,094	2,077	2,412	-17	-335	0	0	0	2,094	2,429	-335		
2485 Vacuum Pumping System (Blanchard)	17	16	11	-1	5	324	358	397	34	-39	0	0	0	388	427	-39		
2490 NTC Equipment Relocations (Perry)	354	139	51	-215	88	2,836	2,339	2,405	-497	-66	0	0	0	3,311	3,454	-143		
7300 NB2 Management (Stevenson)	22	22	18	0	3	995	995	821	0	174	0	0	0	1,103	929	174		
7400 Health Physics Support (Stevenson)	20	20	64	0	-44	2,347	2,347	2,221	0	126	0	0	0	2,449	2,554	-105		
7100 Project Management & Integration (Strykowski)	100	100	116	0	-17	5,806	5,806	6,106	0	-300	0	0	0	6,412	6,844	-432		
7710 NSTX-U HP and Other Allocations (Strykowski)	32	32	27	0	4	2,691	2,691	2,504	0	187	0	0	0	2,847	2,660	187		
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)	1,985	1,681	1,798	-305	-117	82,042	75,390	77,489	-6,652	-2,099	0	0	0	87,517	91,650	-4,133		

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 / 04 / 01						
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 2014 / 04 / 30						
			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 10,199		c. CURRENT NEGOTIATED COST (a. + b.) 87,517		d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0		e. CONTRACT BUDGET BASE (c. + d.) 87,517		f. TOTAL ALLOCATED BUDGET 87,517		g. DIFFERENCE (e. - f.) 0				
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 31MAY2014 (4)	+2 30JUN2014 (5)	+3 31JUL2014 (6)	+4 31AUG2014 (7)	+5 30SEP2014 (8)	+6 31OCT2014 (9)	30NOV2014 (10)	31DEC2014 (11)	31JAN2015 (12)	28FEB2015 (13)	31MAR2015 (14)				
a. PERFORMANCE MEASUREMENT BASELINE (Beginning of Period)	80,122	1,985	1,484	1,306	1,068	975	338	27	0	0	0	0	0	0	0	0	87,305
b. BASELINE CHANGES AUTHORIZED DURING REPORTING PERIOD ECP-113																	212
c. PERFORMANCE MEASUREMENT BASELINE (End of Period)	82,042		1,484	1,584	1,068	975	338	27	0	0	0	0	0	0	0	0	87,517
7. MANAGEMENT RESERVE														0			
8. TOTAL														87,517			

