

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E
WORK BREAKDOWN STRUCTURE/COST DATA

INFORMATION FOR SECTION L, ATTACHMENT E

The cost information provided in this Attachment is based on an analysis of recent historical costs for work performed and is being made available to assist in proposal preparation. The information is presented in the prescribed WBS format.

The Offeror is advised that this Attachment is in no way meant to limit the Offeror's technical innovation, technical approach, selection of tanks for waste removal and/or operational closure, or to constrain the proposed costs. Offeror's selection of tanks for waste removal and/or operational closure shall be in compliance with the requirements in Section C - Statement of Work. Note: The cost information provided for dispositioning salt waste from Tanks 1-3 assumes a process is identified which meets the refinements and/or technology enhancements to DDA, ARP/MCU or SWPF as defined in Section L.4(a).

The Offeror's proposal shall be prepared in accordance with the RFP instructions and in the format prescribed in Section L, including Attachments F and G.

The Offeror's proposal and supporting cost or pricing data shall not make reference to the information in Section L, Attachment E.

The following schedules are provided:

Attachment E.1 - Direct Cost by WBS, by FY: This attachment provides an analysis of direct costs totals by WBS, by fiscal year. This information does not include G&A or profit/fee. The amounts are express in FY 2007 constant dollars. The amounts under FY 2014 include work on the basic contract period (October 1, 2013 - June 30, 2014) as well as Option Period (July 1, 2014 - September 30, 2014). Offerors are reminded that proposals shall separately identify work associated with the basic and option period (see Section L.5(f)1).

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Attachment E.2 - Direct Cost by WBS, by Element: This attachment identifies the direct cost elements (labor, materials, equipment, subcontracts, allowances) that comprise the total direct cost. The individual elements are discussed further in the following attachments.

Attachment E.3 - Labor Hours by WBS, by FY: This schedule provides an analysis of labor hours by WBS, by FY using the labor categories identified in the cost section of the acquisition website. The labor total shown on Attachment E.2 represents the labor hours, multiplied by the labor rate provided on the DOE-SR Acquisition website for the Liquid Waste Contract RFP. Fringe benefits are applied to all labor rates other than non-exempt personnel , and the labor totals are rounded off to the nearest dollar. Offerors are reminded that the attachment represents one analysis of labor hours and that they shall independently prepare an estimate of labor consistent with the instructions in Section L.5.

Attachment E.4 - Other Direct Costs by WBS: This schedule provides an analysis of the non-labor direct costs by WBS. Details are provided for those WBS and/or Elements from Attachment E.2 that have costs other than labor and unspecified materials. The amounts identified for unspecified materials represent five percent (5%) of the labor total and accounts for materials and supplies not separately identified in Attachment E.4. Equipment/Subcontract/Allowances are identified for purposes of this analysis only and are not intended to suggest a recommended manner of completion or classification of costs. Offerors are reminded that the attachment represents one analysis of direct costs and that they are not bound by the amount and/or classification of costs. Offerors shall independently prepare an estimate of other direct costs consistent with the instructions in Section L.5.

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WBS	Description	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.01	Waste Removal (WR) - F Tank Farm	16,631,972	6,401,909	8,111,118	5,454,900	9,036,145	7,050,967	7,489,848	692,479	
1.01.01.01.03	WR - F Tank Farm - Operations (Total of All Tanks)	16,631,972	6,401,909	8,111,118	5,454,900	9,036,145	7,050,967	7,489,848	692,479	
1.01.01.01.03.01	Tank 1						1,367,087	3,214,806		
1.01.01.01.03.02	Tank 2					5,222,873	3,730,237	692,479		
1.01.01.01.03.03	Tank 3			4,487,562	4,762,421	3,813,272	1,953,643			
1.01.01.01.03.04	Tank 4		3,582,563	692,479						
1.01.01.01.03.05	Tank 5	6,587,421	692,479							
1.01.01.01.03.06	Tank 6	3,340,070	692,479	49,429						
1.01.01.01.03.07	Tank 7			2,931,077	692,479			3,582,563	692,479	
1.01.01.01.03.08	Tank 8									
1.01.01.01.03.18	Tank 18	6,704,481	692,479							
1.01.01.01.03.19	Tank 19		692,479							
1.01.01.02	Waste Removal (WR) - H Tank Farm	604,563	7,278,041	5,673,695	11,357,307	11,758,781	10,515,132	10,456,288	8,999,509	10,663,900
1.01.01.02.03	WR - H Tank Farm - Operations (Total of All Tanks)	604,563	7,278,041	5,673,695	11,357,307	11,758,781	10,515,132	10,456,288	8,999,509	10,663,900
1.01.01.02.03.09	Tank 9						583,208	783,276	577,860	
1.01.01.02.03.10	Tank 10					272,761				
1.01.01.02.03.12	Tank 12		1,817,441		4,821,791	2,057,278	1,953,643			
1.01.01.02.03.13	Tank 13			2,062,165					1,060,236	2,522,327
1.01.01.02.03.16	Tank 16		1,111,320	692,479						295,175
1.01.01.02.03.21	Tank 21									
1.01.01.02.03.23	Tank 23		120,210		1,006,983	1,777,783	173,904			
1.01.01.02.03.24	Tank 24		120,210				173,904	299,666		
1.01.01.02.03.35	Tank 35						173,904	299,666		
1.01.01.02.03.39	Tank 39									299,834
1.01.01.02.03.41	Tank 41		2,898,361	4,487,562	4,487,562	494,288	593,145	593,145	444,859	
1.01.01.02.03.42	Tank 42					4,833,564	2,940,223	2,770,223	3,536,377	
1.01.01.02.03.48	Tank 48			1,600,693	78,206	298,926	513,467	512,679	520,554	
1.01.01.02.03.49	Tank 49		593,145	178,789	899,828	593,439	593,439	596,589	593,439	449,584
1.01.01.02.03.50	Tank 50	604,563	617,355	507,344	607,598	1,443,164	2,676,683	2,686,511	2,017,331	
1.01.02.01	Tank & Associated Facilities Closure - F Tank Farm	2,876,679	3,349,829	25,454,828	11,531,794	5,318,454	3,067,398	2,538,540	8,747,432	6,334,010
1.01.02.01.01	Tank Closure - F Tank Farm - Planning & Oversight	690,762	941,984	2,150,373	2,008,686	159,125	719,334			
1.01.02.01.02	Tank Closure - F Tank Farm - Engineering	1,584,170	2,070,870	5,094,193	4,959,590	579,827	1,977,624			
1.01.02.01.03	Tank Closure - F Tank Farm - Operations (All Tanks)	601,747	336,974	18,210,263	4,563,519	4,579,502	370,440	2,538,540	8,747,432	6,334,010
1.01.02.01.03.01	Tank 1					46,087		185,220	1,804,791	2,712,642
1.01.02.01.03.02	Tank 2					30,878	185,220	14,895	4,502,537	
1.01.02.01.03.03	Tank 3				46,087		185,220	2,107,118	2,410,314	
1.01.02.01.03.04	Tank 4		231,307	14,895	4,502,537					
1.01.02.01.03.05	Tank 5		14,895	4,502,537						
1.01.02.01.03.06	Tank 6	185,220	14,895	4,502,537						
1.01.02.01.03.07	Tank 7						231,307	29,791	3,621,368	
1.01.02.01.03.08	Tank 8		46,087	185,220	14,895	4,502,537				
1.01.02.01.03.18	Tank 18	185,220	14,895	4,502,537						
1.01.02.01.03.19	Tank 19	231,307	14,895	4,502,537						
1.01.02.02	Tank & Associated Facilities Closure - H Tank Farm	185,360	1,296,981	3,432,577	2,048,649	10,973,259	7,014,967	7,057,040	9,578,361	518,207
1.01.02.02.01	Tank Closure - H Tank Farm - Planning & Oversight	46,087	644,676	1,197,255	594,540	3,418,782	2,127,796	1,756,919	1,438,668	
1.01.02.02.02	Tank Closure - H Tank Farm - Engineering	93,186	652,305	2,050,102	1,439,213	7,542,955	4,887,171	5,114,901	3,955,247	
1.01.02.02.03	Tank Closure - H Tank Farm - Operations (All Tanks)	46,087		185,220	14,895	11,522		185,220	4,184,446	518,207
1.01.02.02.03.12	Tank 12					11,522		185,220	4,184,446	332,987
1.01.02.02.03.13	Tank 13									185,220
1.01.02.02.03.16	Tank 16	46,087		185,220	14,895					

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WBS	Description	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.01	Defense Waste Processing Facility (DWPF)	41,578,777	29,636,310	29,636,310	58,486,310	29,636,310	29,636,310	29,636,310	58,486,310	22,539,045
1.02.01.01	DWPF - Planning & Oversight	125,883	503,534	503,534	503,534	503,534	503,534	503,534	503,534	377,650
1.02.01.02	DWPF - Engineering	680,542	1,282,166	1,282,166	1,282,166	1,282,166	1,282,166	1,282,166	1,282,166	1,081,625
1.02.01.03	DWPF- Operations(Excluding Plutonium Disposition)	4,043,652	13,828,857	13,828,857	13,828,857	13,828,857	13,828,857	13,828,857	13,828,857	10,563,455
1.02.01.04	DWPF - Surveillance and Maintenance	6,336,188	13,251,704	13,251,704	13,251,704	13,251,704	13,251,704	13,251,704	13,251,704	9,938,778
1.02.01.05	DWPF - Upgrades & Modifications	30,392,512	770,049	770,049	29,620,049	770,049	770,049	770,049	29,620,049	577,537
1.02.03	ARP/MCU	2,171,970	5,564,054	5,564,054	5,564,054	3,431,429				
1.02.04	Saltstone Processing Facility (SPF)	4,861,710	21,283,897	18,633,897	10,437,897	5,687,897	5,687,897	5,687,897	5,687,897	4,352,549
1.02.04.01.01	SPF - Planning & Oversight	155,119	620,474	620,474	620,474	620,474	620,474	620,474	620,474	465,356
1.02.04.01.02	SPF - Engineering	74,337	304,403	304,403	304,403	304,403	304,403	304,403	304,403	228,303
1.02.04.01.03	SPF - Operations	460,056	2,458,223	2,458,223	2,458,223	4,106,223	4,106,223	4,106,223	4,106,223	3,167,593
1.02.04.01.04	SPF - Surveillance and Maintenance	164,199	656,796	656,796	656,796	656,796	656,796	656,796	656,796	491,297
1.02.04.01.05	SPF - Upgrade/Modify	4,008,000	17,244,000	14,594,000	6,398,000					
1.02.04.02	Saltstone Disposal Facility	7,051,364	38,360,454	38,360,454	25,860,454	38,360,454	38,360,454	38,360,454	38,360,454	25,645,341
1.02.05	Effluent Treatment Facility (EFT)	1,686,265	6,092,422	6,092,422	6,045,676	7,341,158	6,021,383	6,021,383	5,998,930	4,557,544
1.02.05.01	EFT - Planning & Oversight	75,092	298,868	298,868	298,868	298,868	298,868	298,868	298,868	224,276
1.02.05.02	EFT - Engineering	228,536	914,143	914,143	914,143	914,143	914,143	914,143	914,143	685,607
1.02.05.03	EFT - Operations	1,132,987	3,871,946	3,871,946	3,871,946	5,167,428	3,871,946	3,871,946	3,871,946	2,958,960
1.02.05.04	EFT - Surveillance and Maintenance	199,692	808,014	808,014	761,268	761,268	736,975	736,975	714,522	539,016
1.02.05.05	EFT - Upgrade/Modify	49,959	199,452	199,452	199,452	199,452	199,452	199,452	199,452	149,685
1.03.01.01	F Tank Farm Operations	5,161,272	42,888,141	45,558,015	45,882,855	24,502,069	20,535,352	24,725,670	25,249,857	18,937,626
1.03.01.01.01	F Tank Farm Operations - Planning & Oversight	1,000,379	4,221,997	4,859,725	4,964,557	4,859,725	4,016,169	4,975,518	5,104,374	3,828,281
1.03.01.01.02	F Tank Farm Operations - Engineering	987,155	4,004,373	4,377,837	4,377,837	4,377,837	3,948,558	4,446,510	4,570,998	3,428,264
1.03.01.01.03.01	F Tank Farm Operations - Waste Receipt	1,124,256	4,962,132	5,662,077	5,852,085	5,777,024	4,695,998	5,824,922	5,905,757	4,429,390
1.03.01.01.03.02	F Tank Farm Ops - Waste Concentration & Storage	350,368	1,401,473	1,609,335	1,609,335	1,297,542	1,522,726	1,522,726	1,142,020	
1.03.01.01.04	F Tank Farm Ops - Surveillance and Maintenance	1,556,883	6,851,094	7,631,969	7,631,969	7,547,285	6,246,221	7,625,131	7,815,139	5,861,524
1.03.01.01.05	F Tank Farm Operations - Upgrade/Modify	142,232	21,447,072	21,447,072	21,447,072	330,864	330,864	330,864	330,864	248,148
1.03.01.02	H Tank Farm Operations	15,301,134	67,933,934	73,681,935	74,130,460	68,159,806	44,288,592	54,688,605	55,241,757	41,431,673
1.03.01.02.01	H Tank Farm Operations - Planning & Oversight	1,391,961	6,227,270	7,077,311	7,021,496	5,822,343	7,764,492	7,954,500	5,965,889	
1.03.01.02.02	H Tank Farm Operations - Engineering	2,168,624	9,265,823	10,226,783	10,351,271	10,261,727	8,579,555	10,571,363	10,695,851	8,021,889
1.03.01.02.03.01	H Tank Farm Operations - Waste Receipt	2,566,653	10,641,602	12,485,117	12,560,178	12,410,055	9,561,860	13,284,843	13,365,678	10,024,313
1.03.01.02.03.02	H Tank Farm Ops - Waste Concentration & Storage	712,574	3,098,482	3,450,693	3,450,693	3,369,857	2,642,340	3,317,892	3,317,892	2,488,481
1.03.01.02.03.04	H Tank Farm Ops - Sludge Waste Feed Preparation						1,672,074			
1.03.01.02.04	H Tank Farm Ops - Surveillance and Maintenance	4,030,368	17,469,630	19,210,906	19,459,882	19,173,109	15,520,123	19,259,718	19,417,539	14,563,379
1.03.01.02.05	H Tank Farm Operations - Upgrade/Modify	4,430,954	21,231,127	21,231,127	21,231,127	15,923,562	490,296	490,296	490,296	367,722
1.03.02	Glass Waste Storage Facilities	247,218	988,873	988,873	988,873	988,873	988,873	988,873	988,873	741,655
1.03.04	SWPF Interface and Coordination	222,787	892,164	892,164	892,164	892,164				
2.01	Waste Determinations	497,679	1,990,716	1,990,716	1,990,716	1,990,716	1,990,716	1,990,716	1,990,716	1,523,037
2.02	Environ, Safety, & Health and Assurance Services	5,402,109	21,588,526	21,588,526	21,588,526	21,588,526	21,588,526	21,588,526	21,588,526	16,191,395
2.03	Development & Maint of Safety Documentation	2,435,199	9,740,795	9,740,795	9,740,795	9,740,795	9,740,795	9,740,795	9,740,795	7,305,597
2.04.01	Engineering Services	1,191,261	4,765,043	4,765,043	4,765,043	4,765,043	4,765,043	4,765,043	4,765,043	3,573,782
2.04.02	Design and Construction Services	10,586,596	42,396,834	42,396,834	42,396,834	42,396,834	42,396,834	41,907,916	42,396,834	31,761,332
2.05	Operations Support (Not including utilities)	4,649,538	12,959,167	12,959,167	12,959,167	12,959,167	12,959,167	12,959,167	12,959,167	13,541,899
2.05.01	Utilities	4,732,500	18,930,000	18,930,000	18,930,000	18,930,000	18,930,000	18,930,000	18,930,000	18,930,000
2.06	Planning, Administrative & Business Services	8,642,901	34,575,467	34,575,467	34,575,467	34,575,467	34,575,467	34,575,467	34,575,467	25,928,702
2.07	Analytical Laboratory Support	5,342,138	21,368,550	22,272,776	22,272,776	22,270,219	22,272,776	22,272,776	22,272,776	16,704,582

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Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
08.1.01.01.01.03 Waste Removal - F Tank Farm Opsn	13,812,593	690,630	1,985,000	143,750	0	0	16,631,972
08.1.01.01.01.03.05 Tank 5	5,630,877	281,544	675,000	0	0	0	6,587,421
08.1.01.01.01.03.06 Tank 6	2,903,639	145,182	262,500	28,750	0	0	3,340,070
08.1.01.01.01.03.18 Tank 18	5,278,077	263,904	1,047,500	115,000	0	0	6,704,481
09.1.01.01.01.03 Waste Removal - F Tank Farm Opsn	5,064,913	253,246	968,750	115,000	0	0	6,401,909
09.1.01.01.01.03.04 Tank 4	2,379,822	118,991	968,750	115,000	0	0	3,582,563
09.1.01.01.01.03.05 Tank 5	659,504	32,975	0	0	0	0	692,479
09.1.01.01.01.03.06 Tank 6	659,504	32,975	0	0	0	0	692,479
09.1.01.01.01.03.07 Tank 7	47,075	2,354	0	0	0	0	49,429
09.1.01.01.01.03.18 Tank 18	659,504	32,975	0	0	0	0	692,479
09.1.01.01.01.03.19 Tank 19	659,504	32,975	0	0	0	0	692,479
10.1.01.01.01.03 Waste Removal - F Tank Farm Opsn	5,483,208	274,160	2,238,750	115,000	0	0	8,111,118
10.1.01.01.01.03.03 Tank 3	3,064,345	153,217	1,270,000	0	0	0	4,487,562
10.1.01.01.01.03.04 Tank 4	659,504	32,975	0	0	0	0	692,479
10.1.01.01.01.03.08 Tank 8	1,759,359	87,968	968,750	115,000	0	0	2,931,077
11.1.01.01.01.03 Waste Removal - F Tank Farm Opsn	4,147,524	207,376	1,100,000	0	0	0	5,454,900
11.1.01.01.01.03.03 Tank 3	3,488,020	174,401	1,100,000	0	0	0	4,762,421
11.1.01.01.01.03.08 Tank 8	659,504	32,975	0	0	0	0	692,479
12.1.01.01.01.03 Waste Removal - F Tank Farm Opsn	6,104,805	305,240	2,462,800	163,300	0	0	9,036,145
12.1.01.01.01.03.02 Tank 2	3,668,355	183,418	1,294,050	77,050	0	0	5,222,873
12.1.01.01.01.03.03 Tank 3	2,436,449	121,822	1,168,750	86,250	0	0	3,813,272
13.1.01.01.01.03 Waste Removal - F Tank Farm Opsn	5,211,492	260,575	1,425,950	152,950	0	0	7,050,967
13.1.01.01.01.03.01 Tank 1	903,178	45,159	303,750	115,000	0	0	1,367,087
13.1.01.01.01.03.02 Tank 2	2,769,131	138,457	784,700	37,950	0	0	3,730,237
13.1.01.01.01.03.03 Tank 3	1,539,184	76,959	337,500	0	0	0	1,953,643
14.1.01.01.01.03 Waste Removal - F Tank Farm Opsn	5,458,189	272,909	1,643,750	115,000	0	0	7,489,848
14.1.01.01.01.03.01 Tank 1	2,418,863	120,943	675,000	0	0	0	3,214,806
14.1.01.01.01.03.02 Tank 2	659,504	32,975	0	0	0	0	692,479
14.1.01.01.01.03.07 Tank 7	2,379,822	118,991	968,750	115,000	0	0	3,582,563
15.1.01.01.01.03 Waste Removal - F Tank Farm Opsn	659,504	32,975	0	0	0	0	692,479
15.1.01.01.01.03.07 Tank 7	659,504	32,975	0	0	0	0	692,479
08.1.01.01.02.03 Waste Removal - H Tank Farm Opsn	566,250	28,313	10,000	0	0	0	604,563
08.1.01.01.02.03.50 Tank 50	566,250	28,313	10,000	0	0	0	604,563

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Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
09.1.01.01.02.03 Waste Removal - H Tank Farm Ops	5,192,896	259,645	1,643,000	182,500	0	0	7,278,041
09.1.01.01.02.03.12 Tank 12	1,311,372	65,569	258,000	182,500	0	0	1,817,441
09.1.01.01.02.03.16 Tank 16	1,058,400	52,920	0	0	0	0	1,111,320
09.1.01.01.02.03.23 Tank 23	104,962	5,248	10,000	0	0	0	120,210
09.1.01.01.02.03.24 Tank 24	104,962	5,248	10,000	0	0	0	120,210
09.1.01.01.02.03.41 Tank 41	1,469,868	73,493	1,355,000	0	0	0	2,898,361
09.1.01.01.02.03.49 Tank 49	564,900	28,245	0	0	0	0	593,145
09.1.01.01.02.03.50 Tank 50	578,433	28,922	10,000	0	0	0	617,355
10.1.01.01.02.03 Waste Removal - H Tank Farm Ops	3,708,281	185,414	1,780,000	0	0	0	5,673,695
10.1.01.01.02.03.41 Tank 41	3,064,345	153,217	1,770,000	0	0	0	4,987,562
10.1.01.01.02.03.49 Tank 49	170,275	8,514	0	0	0	0	178,789
10.1.01.01.02.03.50 Tank 50	473,661	23,683	10,000	0	0	0	507,344
11.1.01.01.02.03 Waste Removal - H Tank Farm Ops	8,378,388	418,919	2,560,000	0	0	0	11,357,307
11.1.01.01.02.03.13 Tank 13	1,478,252	73,913	510,000	0	0	0	2,062,165
11.1.01.01.02.03.16 Tank 16	659,504	32,975	0	0	0	0	692,479
11.1.01.01.02.03.23 Tank 23	473,317	23,666	510,000	0	0	0	1,006,983
11.1.01.01.02.03.41 Tank 41	3,064,345	153,217	1,270,000	0	0	0	4,487,562
11.1.01.01.02.03.48 Tank 48	1,276,850	63,843	260,000	0	0	0	1,600,693
11.1.01.01.02.03.49 Tank 49	856,979	42,849	0	0	0	0	899,828
11.1.01.01.02.03.50 Tank 50	569,141	28,457	10,000	0	0	0	607,598
12.1.01.01.02.03 Waste Removal - H Tank Farm Ops	8,215,506	410,775	3,132,500	0	0	0	11,758,781
12.1.01.01.02.03.12 Tank 12	3,313,611	165,681	1,342,500	0	0	0	4,821,791
12.1.01.01.02.03.23 Tank 23	1,207,412	60,371	510,000	0	0	0	1,777,783
12.1.01.01.02.03.41 Tank 41	3,064,345	153,217	1,270,000	0	0	0	4,487,562
12.1.01.01.02.03.48 Tank 48	64,958	3,248	10,000	0	0	0	78,206
12.1.01.01.02.03.49 Tank 49	565,180	28,259	0	0	0	0	593,439
13.1.01.01.02.03 Waste Removal - H Tank Farm Ops	7,981,078	399,054	2,048,750	86,250	0	0	10,515,132
13.1.01.01.02.03.10 Tank 10	250,249	12,512	10,000	0	0	0	272,761
13.1.01.01.02.03.12 Tank 12	1,345,027	67,251	558,750	86,250	0	0	2,057,278
13.1.01.01.02.03.23 Tank 23	156,099	7,805	10,000	0	0	0	173,904
13.1.01.01.02.03.24 Tank 24	156,099	7,805	10,000	0	0	0	173,904
13.1.01.01.02.03.35 Tank 35	156,099	7,805	10,000	0	0	0	173,904
13.1.01.01.02.03.41 Tank 41	470,750	23,538	0	0	0	0	494,288
13.1.01.01.02.03.42 Tank 42	3,393,870	169,694	1,270,000	0	0	0	4,833,564
13.1.01.01.02.03.48 Tank 48	122,787	6,139	170,000	0	0	0	298,926
13.1.01.01.02.03.49 Tank 49	565,180	28,259	0	0	0	0	593,439
13.1.01.01.02.03.50 Tank 50	1,364,918	68,246	10,000	0	0	0	1,443,164

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
14.1.01.01.02.03 Waste Removal - H Tank Farm Ops	8,132,180	406,609	1,917,500	0	0	0	10,456,288
14.1.01.01.02.03.09 Tank 9	545,912	27,296	10,000	0	0	0	583,208
14.1.01.01.02.03.12 Tank 12	1,539,184	76,959	337,500	0	0	0	1,953,643
14.1.01.01.02.03.24 Tank 24	275,872	13,794	10,000	0	0	0	299,666
14.1.01.01.02.03.35 Tank 35	275,872	13,794	10,000	0	0	0	299,666
14.1.01.01.02.03.41 Tank 41	564,900	28,245	0	0	0	0	593,145
14.1.01.01.02.03.42 Tank 42	1,590,689	79,534	1,270,000	0	0	0	2,940,223
14.1.01.01.02.03.48 Tank 48	231,873	11,594	270,000	0	0	0	513,467
14.1.01.01.02.03.49 Tank 49	568,180	28,409	0	0	0	0	596,589
14.1.01.01.02.03.50 Tank 50	2,539,698	126,985	10,000	0	0	0	2,676,683
15.1.01.01.02.03 Waste Removal - H Tank Farm Ops	6,857,866	342,893	1,683,750	115,000	0	0	8,999,509
15.1.01.01.02.03.09 Tank 9	736,453	36,823	10,000	0	0	0	783,276
15.1.01.01.02.03.13 Tank 13	620,463	31,023	293,750	115,000	0	0	1,060,236
15.1.01.01.02.03.41 Tank 41	564,900	28,245	0	0	0	0	593,145
15.1.01.01.02.03.42 Tank 42	1,590,689	79,534	1,100,000	0	0	0	2,770,223
15.1.01.01.02.03.48 Tank 48	231,123	11,556	270,000	0	0	0	512,679
15.1.01.01.02.03.49 Tank 49	565,180	28,259	0	0	0	0	593,439
15.1.01.01.02.03.50 Tank 50	2,549,058	127,453	10,000	0	0	0	2,686,511
16.1.01.01.02.03 Waste Removal - H Tank Farm Ops	8,008,476	400,424	2,255,000	0	0	0	10,663,900
16.1.01.01.02.03.09 Tank 9	540,819	27,041	10,000	0	0	0	577,860
16.1.01.01.02.03.13 Tank 13	1,759,359	87,968	675,000	0	0	0	2,522,327
16.1.01.01.02.03.21 Tank 21	271,595	13,580	10,000	0	0	0	295,175
16.1.01.01.02.03.39 Tank 39	276,032	13,802	10,000	0	0	0	299,834
16.1.01.01.02.03.41 Tank 41	423,675	21,184	0	0	0	0	444,859
16.1.01.01.02.03.42 Tank 42	2,158,454	107,923	1,270,000	0	0	0	3,536,377
16.1.01.01.02.03.48 Tank 48	238,623	11,931	270,000	0	0	0	520,554
16.1.01.01.02.03.49 Tank 49	428,175	21,409	0	0	0	0	449,584
16.1.01.01.02.03.50 Tank 50	1,911,744	95,587	10,000	0	0	0	2,017,331
08.1.01.02.01 Tank & Assoc Fac Closure - F Tank Farm	2,739,694	136,985	0	0	0	0	2,876,679
08.1.01.02.01.01 Planning & Oversight	657,869	32,893	0	0	0	0	690,762
08.1.01.02.01.02 Engineering	1,508,733	75,437	0	0	0	0	1,584,170
08.1.01.02.01.03 Operations (All Tanks)	573,092	28,655	0	0	0	0	601,747
08.1.01.02.01.03.06 Tank 6	176,400	8,820	0	0	0	0	185,220
08.1.01.02.01.03.18 Tank 18	176,400	8,820	0	0	0	0	185,220
08.1.01.02.01.03.19 Tank 19	220,292	11,015	0	0	0	0	231,307

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
09.1.01.02.01 Tank & Assoc Fac Closure - F Tank Farm	3,190,313	159,516	0	0	0	0	3,349,829
09.1.01.02.01.01 Planning & Oversight	897,128	44,856	0	0	0	0	941,984
09.1.01.02.01.02 Engineering	1,972,257	98,613	0	0	0	0	2,070,870
09.1.01.02.01.03 Operations (All Tanks)	320,928	16,046	0	0	0	0	336,974
09.1.01.02.01.03.04 Tank 4	220,292	11,015	0	0	0	0	231,307
09.1.01.02.01.03.05 Tank 5	14,186	709	0	0	0	0	14,895
09.1.01.02.01.03.06 Tank 6	14,186	709	0	0	0	0	14,895
09.1.01.02.01.03.08 Tank 8	43,892	2,195	0	0	0	0	46,087
09.1.01.02.01.03.18 Tank 18	14,186	709	0	0	0	0	14,895
09.1.01.02.01.03.19 Tank 19	14,186	709	0	0	0	0	14,895
10.1.01.02.01 Tank & Assoc Fac Closure - F Tank Farm	10,718,884	535,944	0	0	14,200,000	0	25,454,828
10.1.01.02.01.01 Planning & Oversight	2,047,974	102,399	0	0	0	0	2,150,373
10.1.01.02.01.02 Engineering	4,851,612	242,581	0	0	0	0	5,094,193
10.1.01.02.01.03 Operations (All Tanks)	3,819,298	190,965	0	0	14,200,000	0	18,210,263
10.1.01.02.01.03.04 Tank 4	14,186	709	0	0	0	0	14,895
10.1.01.02.01.03.05 Tank 5	907,178	45,359	0	0	3,550,000	0	4,502,537
10.1.01.02.01.03.06 Tank 6	907,178	45,359	0	0	3,550,000	0	4,502,537
10.1.01.02.01.03.08 Tank 8	176,400	8,820	0	0	0	0	185,220
10.1.01.02.01.03.18 Tank 18	907,178	45,359	0	0	3,550,000	0	4,502,537
10.1.01.02.01.03.19 Tank 19	907,178	45,359	0	0	3,550,000	0	4,502,537
11.1.01.02.01 Tank & Assoc Fac Closure - F Tank Farm	7,601,709	380,085	0	0	3,550,000	0	11,531,794
11.1.01.02.01.01 Planning & Oversight	1,913,034	95,652	0	0	0	0	2,008,686
11.1.01.02.01.02 Engineering	4,723,419	236,171	0	0	0	0	4,959,590
11.1.01.02.01.03 Operations (All Tanks)	965,256	48,263	0	0	3,550,000	0	4,563,519
11.1.01.02.01.03.03 Tank 3	43,892	2,195	0	0	0	0	46,087
11.1.01.02.01.03.04 Tank 4	907,178	45,359	0	0	3,550,000	0	4,502,537
11.1.01.02.01.03.08 Tank 8	14,186	709	0	0	0	0	14,895
12.1.01.02.01 Tank & Assoc Fac Closure - F Tank Farm	1,684,242	84,212	0	0	3,550,000	0	5,318,454
12.1.01.02.01.01 Planning & Oversight	151,548	7,577	0	0	0	0	159,125
12.1.01.02.01.02 Engineering	552,216	27,611	0	0	0	0	579,827
12.1.01.02.01.03 Operations (All Tanks)	980,478	49,024	0	0	3,550,000	0	4,579,502
12.1.01.02.01.03.01 Tank 1	43,892	2,195	0	0	0	0	46,087
12.1.01.02.01.03.02 Tank 2	29,408	1,470	0	0	0	0	30,878
12.1.01.02.01.03.08 Tank 8	907,178	45,359	0	0	3,550,000	0	4,502,537
13.1.01.02.01 Tank & Assoc Fac Closure - F Tank Farm	2,921,331	146,067	0	0	0	0	3,067,398
13.1.01.02.01.01 Planning & Oversight	685,080	34,254	0	0	0	0	719,334
13.1.01.02.01.02 Engineering	1,883,451	94,173	0	0	0	0	1,977,624
13.1.01.02.01.03 Operations (All Tanks)	352,800	17,640	0	0	0	0	370,440
13.1.01.02.01.03.02 Tank 2	176,400	8,820	0	0	0	0	185,220
13.1.01.02.01.03.03 Tank 3	176,400	8,820	0	0	0	0	185,220

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
14.1.01.02.01 Tank & Assoc Fac Closure - F Tank Farm	727,181	36,359	0	0	1,775,000	0	2,538,540
14.1.01.02.01.03 Operations (All Tanks)	727,181	36,359	0	0	1,775,000	0	2,538,540
14.1.01.02.01.03.01 Tank 1	176,400	8,820	0	0	0	0	185,220
14.1.01.02.01.03.02 Tank 2	14,186	709	0	0	0	0	14,895
14.1.01.02.01.03.03 Tank 3	316,303	15,815	0	0	1,775,000	0	2,107,118
14.1.01.02.01.03.07 Tank 7	220,292	11,015	0	0	0	0	231,307
15.1.01.02.01 Tank & Assoc Fac Closure - F Tank Farm	1,568,983	78,449	0	0	7,100,000	0	8,747,432
15.1.01.02.01.03 Operations (All Tanks)	1,568,983	78,449	0	0	7,100,000	0	8,747,432
15.1.01.02.01.03.01 Tank 1	28,372	1,419	0	0	1,775,000	0	1,804,791
15.1.01.02.01.03.02 Tank 2	907,178	45,359	0	0	3,550,000	0	4,502,537
15.1.01.02.01.03.03 Tank 3	605,061	30,253	0	0	1,775,000	0	2,410,314
15.1.01.02.01.03.07 Tank 7	28,372	1,419	0	0	0	0	29,791
16.1.01.02.01 Tank & Assoc Fac Closure - F Tank Farm	1,637,152	81,858	0	0	4,615,000	0	6,334,010
16.1.01.02.01.03 Operations (All Tanks)	1,637,152	81,858	0	0	4,615,000	0	6,334,010
16.1.01.02.01.03.01 Tank 1	892,992	44,650	0	0	1,775,000	0	2,712,642
16.1.01.02.01.03.07 Tank 7	744,160	37,208	0	0	2,840,000	0	3,621,368
08.1.01.02.02 Tank & Assoc Fac Closure - H Tank Farm	176,533	8,827	0	0	0	0	185,360
08.1.01.02.02.01 Planning & Oversight	43,892	2,195	0	0	0	0	46,087
08.1.01.02.02.02 Engineering	88,749	4,437	0	0	0	0	93,186
08.1.01.02.02.03 Operations (All Tanks)	43,892	2,195	0	0	0	0	46,087
08.1.01.02.02.03.16 Tank 16	43,892	2,195	0	0	0	0	46,087
09.1.01.02.02 Tank & Assoc Fac Closure - H Tank Farm	1,235,220	61,761	0	0	0	0	1,296,981
09.1.01.02.02.01 Planning & Oversight	613,977	30,699	0	0	0	0	644,676
09.1.01.02.02.02 Engineering	621,243	31,062	0	0	0	0	652,305
10.1.01.02.02 Tank & Assoc Fac Closure - H Tank Farm	3,269,121	163,456	0	0	0	0	3,432,577
10.1.01.02.02.01 Planning & Oversight	1,140,243	57,012	0	0	0	0	1,197,255
10.1.01.02.02.02 Engineering	1,952,478	97,624	0	0	0	0	2,050,102
10.1.01.02.02.03 Operations (All Tanks)	176,400	8,820	0	0	0	0	185,220
10.1.01.02.02.03.16 Tank 16	176,400	8,820	0	0	0	0	185,220
11.1.01.02.02 Tank & Assoc Fac Closure - H Tank Farm	1,951,094	97,555	0	0	0	0	2,048,649
11.1.01.02.02.01 Planning & Oversight	566,229	28,311	0	0	0	0	594,540
11.1.01.02.02.02 Engineering	1,370,679	68,534	0	0	0	0	1,439,213
11.1.01.02.02.03 Operations (All Tanks)	14,186	709	0	0	0	0	14,895
11.1.01.02.02.03.16 Tank 16	14,186	709	0	0	0	0	14,895

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
12.1.01.02.02 Tank & Assoc Fac Closure - H Tank Farm	10,450,723	522,536	0	0	0	0	10,973,259
12.1.01.02.02.01 Planning & Oversight	3,255,983	162,799	0	0	0	0	3,418,782
12.1.01.02.02.02 Engineering	7,183,767	359,188	0	0	0	0	7,542,955
12.1.01.02.02.03 Operations (All Tanks)	10,973	549	0	0	0	0	11,522
12.1.01.02.02.03.12 Tank 12	10,973	549	0	0	0	0	11,522
13.1.01.02.02 Tank & Assoc Fac Closure - H Tank Farm	6,680,921	334,046	0	0	0	0	7,014,967
13.1.01.02.02.01 Planning & Oversight	2,026,472	101,324	0	0	0	0	2,127,796
13.1.01.02.02.02 Engineering	4,654,449	232,722	0	0	0	0	4,887,171
14.1.01.02.02 Tank & Assoc Fac Closure - H Tank Farm	6,720,990	336,050	0	0	0	0	7,057,040
14.1.01.02.02.01 Planning & Oversight	1,673,256	83,663	0	0	0	0	1,756,919
14.1.01.02.02.02 Engineering	4,871,334	243,567	0	0	0	0	5,114,901
14.1.01.02.02.03 Operations (All Tanks)	176,400	8,820	0	0	0	0	185,220
14.1.01.02.02.03.12 Tank 12	176,400	8,820	0	0	0	0	185,220
15.1.01.02.02 Tank & Assoc Fac Closure - H Tank Farm	5,741,296	287,065	0	0	3,550,000	0	9,578,361
15.1.01.02.02.01 Planning & Oversight	1,370,160	68,508	0	0	0	0	1,438,668
15.1.01.02.02.02 Engineering	3,766,902	188,345	0	0	0	0	3,955,247
15.1.01.02.02.03 Operations (All Tanks)	604,234	30,212	0	0	3,550,000	0	4,184,446
15.1.01.02.02.03.12 Tank 12	604,234	30,212	0	0	3,550,000	0	4,184,446
16.1.01.02.02 Tank & Assoc Fac Closure - H Tank Farm	493,530	24,677	0	0	0	0	518,207
16.1.01.02.02.03 Operations (All Tanks)	493,530	24,677	0	0	0	0	518,207
16.1.01.02.02.03.12 Tank 12	317,130	15,857	0	0	0	0	332,987
16.1.01.02.02.03.13 Tank 13	176,400	8,820	0	0	0	0	185,220
08.1.02.01 Defense Waste Processing Facility (DWPF)	8,458,488	422,924	6,444,750	543,365	309,250	25,400,000	41,578,777
08.1.02.01.01 Planning & Oversight	119,889	5,994	0	0	0	0	125,883
08.1.02.01.02 Engineering	190,992	9,550	0	0	80,000	400,000	680,542
08.1.02.01.03 Operations (excl PuVit)	2,863,716	143,186	873,500	0	163,250	0	4,043,652
08.1.02.01.04 Surveillance and Maintenance	5,100,546	255,027	371,250	543,365	66,000	0	6,336,188
08.1.02.01.05 Upgrades & Modifications	183,345	9,167	5,200,000	0	0	25,000,000	30,392,512
09.1.02.01 Defense Waste Processing Facility (DWPF)	22,316,724	1,115,836	3,123,000	2,173,500	507,250	400,000	29,636,310
09.1.02.01.01 Planning & Oversight	479,556	23,978	0	0	0	0	503,534
09.1.02.01.02 Engineering	763,968	38,198	0	0	80,000	400,000	1,282,166
09.1.02.01.03 Operations (excl PuVit)	11,454,864	572,743	1,638,000	0	163,250	0	13,828,857
09.1.02.01.04 Surveillance and Maintenance	8,884,956	444,248	1,485,000	2,173,500	264,000	0	13,251,704
09.1.02.01.05 Upgrades & Modifications	733,380	36,669	0	0	0	0	770,049

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
10.1.02.01 Defense Waste Processing Facility (DWPF)	22,316,724	1,115,836	3,123,000	2,173,500	507,250	400,000	29,636,310
10.1.02.01.01 Planning & Oversight	479,556	23,978	0	0	0	0	503,534
10.1.02.01.02 Engineering	763,968	38,198	0	0	80,000	400,000	1,282,166
10.1.02.01.03 Operations (excl PuVit)	11,454,864	572,743	1,638,000	0	163,250	0	13,828,857
10.1.02.01.04 Surveillance and Maintenance	8,884,956	444,248	1,485,000	2,173,500	264,000	0	13,251,704
10.1.02.01.05 Upgrades & Modifications	733,380	36,669	0	0	0	0	770,049
11.1.02.01 Defense Waste Processing Facility (DWPF)	22,316,724	1,115,836	6,973,000	2,173,500	507,250	25,400,000	58,486,310
11.1.02.01.01 Planning & Oversight	479,556	23,978	0	0	0	0	503,534
11.1.02.01.02 Engineering	763,968	38,198	0	0	80,000	400,000	1,282,166
11.1.02.01.03 Operations (excl PuVit)	11,454,864	572,743	1,638,000	0	163,250	0	13,828,857
11.1.02.01.04 Surveillance and Maintenance	8,884,956	444,248	1,485,000	2,173,500	264,000	0	13,251,704
11.1.02.01.05 Upgrades & Modifications	733,380	36,669	3,850,000	0	0	25,000,000	29,620,049
12.1.02.01 Defense Waste Processing Facility (DWPF)	22,316,724	1,115,836	3,123,000	2,173,500	507,250	400,000	29,636,310
12.1.02.01.01 Planning & Oversight	479,556	23,978	0	0	0	0	503,534
12.1.02.01.02 Engineering	763,968	38,198	0	0	80,000	400,000	1,282,166
12.1.02.01.03 Operations (excl PuVit)	11,454,864	572,743	1,638,000	0	163,250	0	13,828,857
12.1.02.01.04 Surveillance and Maintenance	8,884,956	444,248	1,485,000	2,173,500	264,000	0	13,251,704
12.1.02.01.05 Upgrades & Modifications	733,380	36,669	0	0	0	0	770,049
13.1.02.01 Defense Waste Processing Facility (DWPF)	22,316,724	1,115,836	3,123,000	2,173,500	507,250	400,000	29,636,310
13.1.02.01.01 Planning & Oversight	479,556	23,978	0	0	0	0	503,534
13.1.02.01.02 Engineering	763,968	38,198	0	0	80,000	400,000	1,282,166
13.1.02.01.03 Operations (excl PuVit)	11,454,864	572,743	1,638,000	0	163,250	0	13,828,857
13.1.02.01.04 Surveillance and Maintenance	8,884,956	444,248	1,485,000	2,173,500	264,000	0	13,251,704
13.1.02.01.05 Upgrades & Modifications	733,380	36,669	0	0	0	0	770,049
14.1.02.01 Defense Waste Processing Facility (DWPF)	22,316,724	1,115,836	3,123,000	2,173,500	507,250	400,000	29,636,310
14.1.02.01.01 Planning & Oversight	479,556	23,978	0	0	0	0	503,534
14.1.02.01.02 Engineering	763,968	38,198	0	0	80,000	400,000	1,282,166
14.1.02.01.03 Operations (excl PuVit)	11,454,864	572,743	1,638,000	0	163,250	0	13,828,857
14.1.02.01.04 Surveillance and Maintenance	8,884,956	444,248	1,485,000	2,173,500	264,000	0	13,251,704
14.1.02.01.05 Upgrades & Modifications	733,380	36,669	0	0	0	0	770,049
15.1.02.01 Defense Waste Processing Facility (DWPF)	22,316,724	1,115,836	6,973,000	2,173,500	507,250	25,400,000	58,486,310
15.1.02.01.01 Planning & Oversight	479,556	23,978	0	0	0	0	503,534
15.1.02.01.02 Engineering	763,968	38,198	0	0	80,000	400,000	1,282,166
15.1.02.01.03 Operations (excl PuVit)	11,454,864	572,743	1,638,000	0	163,250	0	13,828,857
15.1.02.01.04 Surveillance and Maintenance	8,884,956	444,248	1,485,000	2,173,500	264,000	0	13,251,704
15.1.02.01.05 Upgrades & Modifications	733,380	36,669	3,850,000	0	0	25,000,000	29,620,049

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
16.1.02.01 Defense Waste Processing Facility (DWPF)	16,737,543	836,877	2,493,250	1,630,125	441,250	400,000	22,539,045
16.1.02.01.01 Planning & Oversight	359,667	17,983	0	0	0	0	377,650
16.1.02.01.02 Engineering	572,976	28,649	0	0	80,000	400,000	1,081,625
16.1.02.01.03 Operations (excl PuVit)	8,591,148	429,557	1,379,500	0	163,250	0	10,563,455
16.1.02.01.04 Surveillance and Maintenance	6,663,717	333,186	1,113,750	1,630,125	198,000	0	9,938,778
16.1.02.01.05 Upgrades & Modifications	550,035	27,502	0	0	0	0	577,537
08.1.02.03 ARP/MCU	830,448	41,522	1,300,000	0	0	0	2,171,970
09.1.02.03 ARP/MCU	4,061,004	203,050	1,300,000	0	0	0	5,564,054
10.1.02.03 ARP/MCU	4,061,004	203,050	1,300,000	0	0	0	5,564,054
11.1.02.03 ARP/MCU	4,061,004	203,050	1,300,000	0	0	0	5,564,054
12.1.02.03 ARP/MCU	2,029,932	101,497	1,300,000	0	0	0	3,431,429
08.1.02.04.01 Saltstone Processing Facility	773,724	39,986	40,000	0	4,008,000	0	4,861,710
08.1.02.04.01.01 Planning & Oversight	147,732	7,387	0	0	0	0	155,119
08.1.02.04.01.02 Engineering	70,797	3,540	0	0	0	0	74,337
08.1.02.04.01.03 Operations	400,053	20,003	40,000	0	0	0	460,056
08.1.02.04.01.04 Surveillance and Maintenance	155,142	9,057	0	0	0	0	164,199
08.1.02.04.01.05 Upgrade/Modify	0	0	0	0	4,008,000	0	4,008,000
09.1.02.04.01 Saltstone Processing Facility	3,101,616	155,081	768,000	0	17,244,000	15,200	21,283,897
09.1.02.04.01.01 Planning & Oversight	590,928	29,546	0	0	0	0	620,474
09.1.02.04.01.02 Engineering	289,908	14,495	0	0	0	0	304,403
09.1.02.04.01.03 Operations	1,600,212	80,011	768,000	0	0	10,000	2,458,223
09.1.02.04.01.04 Surveillance and Maintenance	620,568	31,028	0	0	0	5,200	656,796
09.1.02.04.01.05 Upgrade/Modify	0	0	0	0	17,244,000	0	17,244,000
10.1.02.04.01 Saltstone Processing Facility	3,101,616	155,081	768,000	0	14,594,000	15,200	18,633,897
10.1.02.04.01.01 Planning & Oversight	590,928	29,546	0	0	0	0	620,474
10.1.02.04.01.02 Engineering	289,908	14,495	0	0	0	0	304,403
10.1.02.04.01.03 Operations	1,600,212	80,011	768,000	0	0	10,000	2,458,223
10.1.02.04.01.04 Surveillance and Maintenance	620,568	31,028	0	0	0	5,200	656,796
10.1.02.04.01.05 Upgrade/Modify	0	0	0	0	14,594,000	0	14,594,000
11.1.02.04.01 Saltstone Processing Facility	3,101,616	155,081	768,000	0	6,398,000	15,200	10,437,897
11.1.02.04.01.01 Planning & Oversight	590,928	29,546	0	0	0	0	620,474
11.1.02.04.01.02 Engineering	289,908	14,495	0	0	0	0	304,403
11.1.02.04.01.03 Operations	1,600,212	80,011	768,000	0	0	10,000	2,458,223
11.1.02.04.01.04 Surveillance and Maintenance	620,568	31,028	0	0	0	5,200	656,796
11.1.02.04.01.05 Upgrade/Modify	0	0	0	0	6,398,000	0	6,398,000

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
12.1.02.04.01 Saltstone Processing Facility	3,101,616	155,081	2,416,000	0	0	15,200	5,687,897
12.1.02.04.01.01 Planning & Oversight	590,928	29,546	0	0	0	0	620,474
12.1.02.04.01.02 Engineering	289,908	14,495	0	0	0	0	304,403
12.1.02.04.01.03 Operations	1,600,212	80,011	2,416,000	0	0	10,000	4,106,223
12.1.02.04.01.04 Surveillance and Maintenance	620,568	31,028	0	0	0	5,200	656,796
13.1.02.04.01 Saltstone Processing Facility	3,101,616	155,081	2,416,000	0	0	15,200	5,687,897
13.1.02.04.01.01 Planning & Oversight	590,928	29,546	0	0	0	0	620,474
13.1.02.04.01.02 Engineering	289,908	14,495	0	0	0	0	304,403
13.1.02.04.01.03 Operations	1,600,212	80,011	2,416,000	0	0	10,000	4,106,223
13.1.02.04.01.04 Surveillance and Maintenance	620,568	31,028	0	0	0	5,200	656,796
14.1.02.04.01 Saltstone Processing Facility	3,101,616	155,081	2,416,000	0	0	15,200	5,687,897
14.1.02.04.01.01 Planning & Oversight	590,928	29,546	0	0	0	0	620,474
14.1.02.04.01.02 Engineering	289,908	14,495	0	0	0	0	304,403
14.1.02.04.01.03 Operations	1,600,212	80,011	2,416,000	0	0	10,000	4,106,223
14.1.02.04.01.04 Surveillance and Maintenance	620,568	31,028	0	0	0	5,200	656,796
15.1.02.04.01 Saltstone Processing Facility	3,101,616	155,081	2,416,000	0	0	15,200	5,687,897
15.1.02.04.01.01 Planning & Oversight	590,928	29,546	0	0	0	0	620,474
15.1.02.04.01.02 Engineering	289,908	14,495	0	0	0	0	304,403
15.1.02.04.01.03 Operations	1,600,212	80,011	2,416,000	0	0	10,000	4,106,223
15.1.02.04.01.04 Surveillance and Maintenance	620,568	31,028	0	0	0	5,200	656,796
16.1.02.04.01 Saltstone Processing Facility	2,417,094	120,855	1,812,000	0	0	2,600	4,352,549
16.1.02.04.01.01 Planning & Oversight	443,196	22,160	0	0	0	0	465,356
16.1.02.04.01.02 Engineering	217,431	10,872	0	0	0	0	228,303
16.1.02.04.01.03 Operations	1,291,041	64,552	1,812,000	0	0	0	3,167,593
16.1.02.04.01.04 Surveillance and Maintenance	465,426	23,271	0	0	0	2,600	491,297
08.1.02.04.02 Saltstone Disposal Facility	204,870	10,244	0	0	6,836,250	0	7,051,364
09.1.02.04.02 Saltstone Disposal Facility	819,480	40,974	0	0	37,500,000	0	38,360,454
10.1.02.04.02 Saltstone Disposal Facility	819,480	40,974	0	0	37,500,000	0	38,360,454
11.1.02.04.02 Saltstone Disposal Facility	819,480	40,974	0	0	25,000,000	0	25,860,454
12.1.02.04.02 Saltstone Disposal Facility	819,480	40,974	0	0	37,500,000	0	38,360,454
13.1.02.04.02 Saltstone Disposal Facility	819,480	40,974	0	0	37,500,000	0	38,360,454
14.1.02.04.02 Saltstone Disposal Facility	819,480	40,974	0	0	37,500,000	0	38,360,454
15.1.02.04.02 Saltstone Disposal Facility	819,480	40,974	0	0	37,500,000	0	38,360,454
16.1.02.04.02 Saltstone Disposal Facility	614,610	30,731	0	0	25,000,000	0	25,645,341

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
08.1.02.05 Effluent Treatment Facility	1,384,062	69,203	232,500	0	500	0	1,686,265
08.1.02.05.01 Planning & Oversight	71,040	3,552	0	0	500	0	75,092
08.1.02.05.02 Engineering	217,653	10,883	0	0	0	0	228,536
08.1.02.05.03 Operations	869,511	43,476	220,000	0	0	0	1,132,987
08.1.02.05.04 Surveillance and Maintenance	178,278	8,914	12,500	0	0	0	199,692
08.1.02.05.05 Upgrade/Modify	47,580	2,379	0	0	0	0	49,959
09.1.02.05 Effluent Treatment Facility	5,580,402	279,020	232,500	0	500	0	6,092,422
09.1.02.05.01 Planning & Oversight	284,160	14,208	0	0	500	0	298,868
09.1.02.05.02 Engineering	870,612	43,531	0	0	0	0	914,143
09.1.02.05.03 Operations	3,478,044	173,902	220,000	0	0	0	3,871,946
09.1.02.05.04 Surveillance and Maintenance	757,632	37,882	12,500	0	0	0	808,014
09.1.02.05.05 Upgrade/Modify	189,954	9,498	0	0	0	0	199,452
10.1.02.05 Effluent Treatment Facility	5,580,402	279,020	232,500	0	500	0	6,092,422
10.1.02.05.01 Planning & Oversight	284,160	14,208	0	0	500	0	298,868
10.1.02.05.02 Engineering	870,612	43,531	0	0	0	0	914,143
10.1.02.05.03 Operations	3,478,044	173,902	220,000	0	0	0	3,871,946
10.1.02.05.04 Surveillance and Maintenance	757,632	37,882	12,500	0	0	0	808,014
10.1.02.05.05 Upgrade/Modify	189,954	9,498	0	0	0	0	199,452
11.1.02.05 Effluent Treatment Facility	5,535,882	276,794	232,500	0	500	0	6,045,676
11.1.02.05.01 Planning & Oversight	284,160	14,208	0	0	500	0	298,868
11.1.02.05.02 Engineering	870,612	43,531	0	0	0	0	914,143
11.1.02.05.03 Operations	3,478,044	173,902	220,000	0	0	0	3,871,946
11.1.02.05.04 Surveillance and Maintenance	713,112	35,656	12,500	0	0	0	761,268
11.1.02.05.05 Upgrade/Modify	189,954	9,498	0	0	0	0	199,452
12.1.02.05 Effluent Treatment Facility	6,769,674	338,484	232,500	0	500	0	7,341,158
12.1.02.05.01 Planning & Oversight	284,160	14,208	0	0	500	0	298,868
12.1.02.05.02 Engineering	870,612	43,531	0	0	0	0	914,143
12.1.02.05.03 Operations	4,711,836	235,592	220,000	0	0	0	5,167,428
12.1.02.05.04 Surveillance and Maintenance	713,112	35,656	12,500	0	0	0	761,268
12.1.02.05.05 Upgrade/Modify	189,954	9,498	0	0	0	0	199,452
13.1.02.05 Effluent Treatment Facility	5,512,746	275,637	232,500	0	500	0	6,021,383
13.1.02.05.01 Planning & Oversight	284,160	14,208	0	0	500	0	298,868
13.1.02.05.02 Engineering	870,612	43,531	0	0	0	0	914,143
13.1.02.05.03 Operations	3,478,044	173,902	220,000	0	0	0	3,871,946
13.1.02.05.04 Surveillance and Maintenance	689,976	34,499	12,500	0	0	0	736,975
13.1.02.05.05 Upgrade/Modify	189,954	9,498	0	0	0	0	199,452

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
14.1.02.05 Effluent Treatment Facility	5,512,746	275,637	232,500	0	500	0	6,021,383
14.1.02.05.01 Planning & Oversight	284,160	14,208	0	0	500	0	298,868
14.1.02.05.02 Engineering	870,612	43,531	0	0	0	0	914,143
14.1.02.05.03 Operations	3,478,044	173,902	220,000	0	0	0	3,871,946
14.1.02.05.04 Surveillance and Maintenance	689,976	34,499	12,500	0	0	0	736,975
14.1.02.05.05 Upgrade/Modify	189,954	9,498	0	0	0	0	199,452
15.1.02.05 Effluent Treatment Facility	5,491,362	274,568	232,500	0	500	0	5,998,930
15.1.02.05.01 Planning & Oversight	284,160	14,208	0	0	500	0	298,868
15.1.02.05.02 Engineering	870,612	43,531	0	0	0	0	914,143
15.1.02.05.03 Operations	3,478,044	173,902	220,000	0	0	0	3,871,946
15.1.02.05.04 Surveillance and Maintenance	668,592	33,430	12,500	0	0	0	714,522
15.1.02.05.05 Upgrade/Modify	189,954	9,498	0	0	0	0	199,452
16.1.02.05 Effluent Treatment Facility	4,118,613	205,931	232,500	0	500	0	4,557,544
16.1.02.05.01 Planning & Oversight	213,120	10,656	0	0	500	0	224,276
16.1.02.05.02 Engineering	652,959	32,648	0	0	0	0	685,607
16.1.02.05.03 Operations	2,608,533	130,427	220,000	0	0	0	2,958,960
16.1.02.05.04 Surveillance and Maintenance	501,444	25,072	12,500	0	0	0	539,016
16.1.02.05.05 Upgrade/Modify	142,557	7,128	0	0	0	0	149,685
08.1.03.01.01 F Tank Farm Operations	4,328,069	216,403	178,500	0	87,300	351,000	5,161,272
08.1.03.01.01.01 Planning & Oversight	909,885	45,494	36,000	0	9,000	0	1,000,379
08.1.03.01.01.02 Engineering	594,433	29,722	12,000	0	0	351,000	987,155
08.1.03.01.01.03.01 Waste Receipt	1,019,291	50,965	0	0	54,000	0	1,124,256
08.1.03.01.01.03.02 Waste Concentration and Storage	333,684	16,684	0	0	0	0	350,368
08.1.03.01.01.04 Surveillance and Maintenance	1,335,317	66,766	130,500	0	24,300	0	1,556,883
08.1.03.01.01.05 Upgrade/Modify	135,459	6,773	0	0	0	0	142,232
09.1.03.01.01 F Tank Farm Operations	25,158,991	1,257,950	7,722,000	0	7,345,200	1,404,000	42,888,141
09.1.03.01.01.01 Planning & Oversight	3,849,521	192,476	144,000	0	36,000	0	4,221,997
09.1.03.01.01.02 Engineering	2,430,831	121,542	48,000	0	0	1,404,000	4,004,373
09.1.03.01.01.03.01 Waste Receipt	4,520,126	226,006	0	0	216,000	0	4,962,132
09.1.03.01.01.03.02 Waste Concentration and Storage	1,334,736	66,737	0	0	0	0	1,401,473
09.1.03.01.01.04 Surveillance and Maintenance	5,935,137	296,757	522,000	0	97,200	0	6,851,094
09.1.03.01.01.05 Upgrade/Modify	7,088,640	354,432	7,008,000	0	6,996,000	0	21,447,072
10.1.03.01.01 F Tank Farm Operations	27,730,300	1,386,515	7,722,000	0	7,345,200	1,404,000	45,588,015
10.1.03.01.01.01 Planning & Oversight	4,456,881	222,844	144,000	0	36,000	0	4,859,725
10.1.03.01.01.02 Engineering	2,786,511	139,326	48,000	0	0	1,404,000	4,377,837
10.1.03.01.01.03.01 Waste Receipt	5,186,740	259,337	0	0	216,000	0	5,662,077
10.1.03.01.01.03.02 Waste Concentration and Storage	1,532,700	76,635	0	0	0	0	1,609,335
10.1.03.01.01.04 Surveillance and Maintenance	6,678,828	333,941	522,000	0	97,200	0	7,631,969
10.1.03.01.01.05 Upgrade/Modify	7,088,640	354,432	7,008,000	0	6,996,000	0	21,447,072

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
11.1.03.01.01 F Tank Farm Operations	28,011,100	1,400,555	7,722,000	0	7,345,200	1,404,000	45,882,855
11.1.03.01.01.01 Planning & Oversight	4,556,721	227,836	144,000	0	36,000	0	4,964,557
11.1.03.01.01.02 Engineering	2,786,511	139,326	48,000	0	0	1,404,000	4,377,837
11.1.03.01.01.03.01 Waste Receipt	5,367,700	268,385	0	0	216,000	0	5,852,085
11.1.03.01.01.03.02 Waste Concentration and Storage	1,532,700	76,635	0	0	0	0	1,609,335
11.1.03.01.01.04 Surveillance and Maintenance	6,678,828	333,941	522,000	0	97,200	0	7,631,969
11.1.03.01.01.05 Upgrade/Modify	7,088,640	354,432	7,008,000	0	6,996,000	0	21,447,072
12.1.03.01.01 F Tank Farm Operations	20,974,161	1,048,708	726,000	0	349,200	1,404,000	24,502,069
12.1.03.01.01.01 Planning & Oversight	4,456,881	222,844	144,000	0	36,000	0	4,859,725
12.1.03.01.01.02 Engineering	2,786,511	139,326	48,000	0	0	1,404,000	4,377,837
12.1.03.01.01.03.01 Waste Receipt	5,296,213	264,811	0	0	216,000	0	5,777,024
12.1.03.01.01.03.02 Waste Concentration and Storage	1,532,700	76,635	0	0	0	0	1,609,335
12.1.03.01.01.04 Surveillance and Maintenance	6,598,176	329,909	522,000	0	97,200	0	7,547,285
12.1.03.01.01.05 Upgrade/Modify	303,680	15,184	12,000	0	0	0	330,864
13.1.03.01.01 F Tank Farm Operations	17,196,335	859,817	726,000	0	349,200	1,404,000	20,535,352
13.1.03.01.01.01 Planning & Oversight	3,653,494	182,675	144,000	0	36,000	0	4,016,169
13.1.03.01.01.02 Engineering	2,377,674	118,884	48,000	0	0	1,404,000	3,948,558
13.1.03.01.01.03.01 Waste Receipt	4,266,665	213,333	0	0	216,000	0	4,695,998
13.1.03.01.01.03.02 Waste Concentration and Storage	1,235,754	61,788	0	0	0	0	1,297,542
13.1.03.01.01.04 Surveillance and Maintenance	5,359,068	267,953	522,000	0	97,200	0	6,246,221
13.1.03.01.01.05 Upgrade/Modify	303,680	15,184	12,000	0	0	0	330,864
14.1.03.01.01 F Tank Farm Operations	21,187,114	1,059,356	726,000	0	349,200	1,404,000	24,725,670
14.1.03.01.01.01 Planning & Oversight	4,567,160	228,358	144,000	0	36,000	0	4,975,518
14.1.03.01.01.02 Engineering	2,851,914	142,596	48,000	0	0	1,404,000	4,446,510
14.1.03.01.01.03.01 Waste Receipt	5,341,830	267,092	0	0	216,000	0	5,824,922
14.1.03.01.01.03.02 Waste Concentration and Storage	1,450,215	72,511	0	0	0	0	1,522,726
14.1.03.01.01.04 Surveillance and Maintenance	6,672,315	333,616	522,000	0	97,200	0	7,625,131
14.1.03.01.01.05 Upgrade/Modify	303,680	15,184	12,000	0	0	0	330,864
15.1.03.01.01 F Tank Farm Operations	21,686,340	1,084,317	726,000	0	349,200	1,404,000	25,249,857
15.1.03.01.01.01 Planning & Oversight	4,689,880	234,494	144,000	0	36,000	0	5,104,374
15.1.03.01.01.02 Engineering	2,970,474	148,524	48,000	0	0	1,404,000	4,570,998
15.1.03.01.01.03.01 Waste Receipt	5,418,816	270,941	0	0	216,000	0	5,905,757
15.1.03.01.01.03.02 Waste Concentration and Storage	1,450,215	72,511	0	0	0	0	1,522,726
15.1.03.01.01.04 Surveillance and Maintenance	6,853,275	342,664	522,000	0	97,200	0	7,815,139
15.1.03.01.01.05 Upgrade/Modify	303,680	15,184	12,000	0	0	0	330,864

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
16.1.03.01.01 F Tank Farm Operations	16,264,977	813,249	544,500	0	261,900	1,053,000	18,937,626
16.1.03.01.01.01 Planning & Oversight	3,517,410	175,871	108,000	0	27,000	0	3,828,281
16.1.03.01.01.02 Engineering	2,227,870	111,394	36,000	0	0	1,053,000	3,428,264
16.1.03.01.01.03.01 Waste Receipt	4,064,181	203,209	0	0	162,000	0	4,429,390
16.1.03.01.01.03.02 Waste Concentration and Storage	1,087,638	54,382	0	0	0	0	1,142,020
16.1.03.01.01.04 Surveillance and Maintenance	5,140,118	257,006	391,500	0	72,900	0	5,861,524
16.1.03.01.01.05 Upgrade/Modify	227,760	11,388	9,000	0	0	0	248,148
08.1.03.01.02 H Tank Farm Operations	9,070,080	453,504	2,721,900	0	2,329,650	726,000	15,301,134
08.1.03.01.02.01 Planning & Oversight	1,255,106	62,755	17,100	0	57,000	0	1,391,961
08.1.03.01.02.02 Engineering	1,359,642	67,982	12,000	0	3,000	726,000	2,168,624
08.1.03.01.02.03.01 Waste Receipt	2,218,717	110,936	0	0	237,000	0	2,566,653
08.1.03.01.02.03.02 Waste Concentration and Storage	678,642	33,932	0	0	0	0	712,574
08.1.03.01.02.04 Surveillance and Maintenance	3,140,874	157,044	490,800	0	241,650	0	4,030,368
08.1.03.01.02.05 Upgrade/Modify	417,099	20,855	2,202,000	0	1,791,000	0	4,430,954
09.1.03.01.02 H Tank Farm Operations	42,689,270	2,134,464	10,887,600	0	9,318,600	2,904,000	67,933,934
09.1.03.01.02.01 Planning & Oversight	5,648,448	282,422	68,400	0	228,000	0	6,227,270
09.1.03.01.02.02 Engineering	6,001,736	300,087	48,000	0	12,000	2,904,000	9,265,823
09.1.03.01.02.03.01 Waste Receipt	9,232,002	461,600	0	0	948,000	0	10,641,602
09.1.03.01.02.03.02 Waste Concentration and Storage	2,950,935	147,547	0	0	0	0	3,098,482
09.1.03.01.02.04 Surveillance and Maintenance	13,847,457	692,373	1,963,200	0	966,600	0	17,469,630
09.1.03.01.02.05 Upgrade/Modify	5,008,692	250,435	8,808,000	0	7,164,000	0	21,231,127
10.1.03.01.02 H Tank Farm Operations	48,163,557	2,408,178	10,887,600	0	9,318,600	2,904,000	73,681,935
10.1.03.01.02.01 Planning & Oversight	6,458,010	322,901	68,400	0	228,000	0	7,077,311
10.1.03.01.02.02 Engineering	6,916,936	345,847	48,000	0	12,000	2,904,000	10,226,783
10.1.03.01.02.03.01 Waste Receipt	10,987,730	549,387	0	0	948,000	0	12,485,117
10.1.03.01.02.03.02 Waste Concentration and Storage	3,286,374	164,319	0	0	0	0	3,450,693
10.1.03.01.02.04 Surveillance and Maintenance	15,505,815	775,291	1,963,200	0	966,600	0	19,210,906
10.1.03.01.02.05 Upgrade/Modify	5,008,692	250,435	8,808,000	0	7,164,000	0	21,231,127
11.1.03.01.02 H Tank Farm Operations	48,590,724	2,429,536	10,887,600	0	9,318,600	2,904,000	74,130,460
11.1.03.01.02.01 Planning & Oversight	6,458,010	322,901	68,400	0	228,000	0	7,077,311
11.1.03.01.02.02 Engineering	7,035,496	351,775	48,000	0	12,000	2,904,000	10,351,271
11.1.03.01.02.03.01 Waste Receipt	11,059,217	552,961	0	0	948,000	0	12,560,178
11.1.03.01.02.03.02 Waste Concentration and Storage	3,286,374	164,319	0	0	0	0	3,450,693
11.1.03.01.02.04 Surveillance and Maintenance	15,742,935	787,147	1,963,200	0	966,600	0	19,459,882
11.1.03.01.02.05 Upgrade/Modify	5,008,692	250,435	8,808,000	0	7,164,000	0	21,231,127

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
12.1.03.01.02 H Tank Farm Operations	46,707,244	2,335,362	8,685,600	0	7,527,600	2,904,000	68,159,806
12.1.03.01.02.01 Planning & Oversight	6,404,853	320,243	68,400	0	228,000	0	7,021,496
12.1.03.01.02.02 Engineering	6,950,216	347,511	48,000	0	12,000	2,904,000	10,261,727
12.1.03.01.02.03.01 Waste Receipt	10,916,243	545,812	0	0	948,000	0	12,410,055
12.1.03.01.02.03.02 Waste Concentration and Storage	3,209,388	160,469	0	0	0	0	3,369,857
12.1.03.01.02.04 Surveillance and Maintenance	15,469,818	773,491	1,963,200	0	966,600	0	19,173,109
12.1.03.01.02.05 Upgrade/Modify	3,756,726	187,836	6,606,000	0	5,373,000	0	15,923,562
13.1.03.01.02 H Tank Farm Operations	34,560,373	1,728,019	2,091,600	0	3,004,600	2,904,000	44,288,592
13.1.03.01.02.01 Planning & Oversight	5,262,803	263,140	68,400	0	228,000	0	5,822,343
13.1.03.01.02.02 Engineering	5,348,148	267,407	48,000	0	12,000	2,904,000	8,579,555
13.1.03.01.02.03.01 Waste Receipt	8,203,676	410,184	0	0	948,000	0	9,561,860
13.1.03.01.02.03.02 Waste Concentration and Storage	2,516,514	125,826	0	0	0	0	2,642,340
13.1.03.01.02.04 Sludge Waste Feed Preparation	782,928	39,146	0	0	850,000	0	1,672,074
13.1.03.01.02.04 Surveillance and Maintenance	11,990,784	599,539	1,963,200	0	966,600	0	15,520,123
13.1.03.01.02.05 Upgrade/Modify	455,520	22,776	12,000	0	0	0	490,296
14.1.03.01.02 H Tank Farm Operations	45,274,671	2,263,734	2,091,600	0	2,154,600	2,904,000	54,688,605
14.1.03.01.02.01 Planning & Oversight	7,112,469	355,623	68,400	0	228,000	0	7,764,492
14.1.03.01.02.02 Engineering	7,245,108	362,255	48,000	0	12,000	2,904,000	10,571,363
14.1.03.01.02.03.01 Waste Receipt	11,749,374	587,469	0	0	948,000	0	13,284,843
14.1.03.01.02.03.02 Waste Concentration and Storage	3,159,897	157,995	0	0	0	0	3,317,892
14.1.03.01.02.04 Surveillance and Maintenance	15,552,303	777,615	1,963,200	0	966,600	0	19,259,718
14.1.03.01.02.05 Upgrade/Modify	455,520	22,776	12,000	0	0	0	490,296
15.1.03.01.02 H Tank Farm Operations	45,801,483	2,290,074	2,091,600	0	2,154,600	2,904,000	55,241,757
15.1.03.01.02.01 Planning & Oversight	7,293,429	364,671	68,400	0	228,000	0	7,954,500
15.1.03.01.02.02 Engineering	7,363,668	368,183	48,000	0	12,000	2,904,000	10,695,851
15.1.03.01.02.03.01 Waste Receipt	11,826,360	591,318	0	0	948,000	0	13,365,678
15.1.03.01.02.03.02 Waste Concentration and Storage	3,159,897	157,995	0	0	0	0	3,317,892
15.1.03.01.02.04 Surveillance and Maintenance	15,702,609	785,130	1,963,200	0	966,600	0	19,417,539
15.1.03.01.02.05 Upgrade/Modify	455,520	22,776	12,000	0	0	0	490,296
16.1.03.01.02 H Tank Farm Operations	34,351,450	1,717,573	1,568,700	0	1,615,950	2,178,000	41,431,673
16.1.03.01.02.01 Planning & Oversight	5,470,085	273,504	51,300	0	171,000	0	5,965,889
16.1.03.01.02.02 Engineering	5,522,751	276,138	36,000	0	9,000	2,178,000	8,021,889
16.1.03.01.02.03.01 Waste Receipt	8,869,822	443,491	0	0	711,000	0	10,024,313
16.1.03.01.02.03.02 Waste Concentration and Storage	2,369,982	118,499	0	0	0	0	2,488,481
16.1.03.01.02.04 Surveillance and Maintenance	11,777,170	588,859	1,472,400	0	724,950	0	14,563,379
16.1.03.01.02.05 Upgrade/Modify	341,640	17,082	9,000	0	0	0	367,722

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
08.1.03.02 Glass Waste Storage Facilities	235,446	11,772	0	0	0	0	247,218
09.1.03.02 Glass Waste Storage Facilities	941,784	47,089	0	0	0	0	988,873
10.1.03.02 Glass Waste Storage Facilities	941,784	47,089	0	0	0	0	988,873
11.1.03.02 Glass Waste Storage Facilities	941,784	47,089	0	0	0	0	988,873
12.1.03.02 Glass Waste Storage Facilities	941,784	47,089	0	0	0	0	988,873
13.1.03.02 Glass Waste Storage Facilities	941,784	47,089	0	0	0	0	988,873
14.1.03.02 Glass Waste Storage Facilities	941,784	47,089	0	0	0	0	988,873
15.1.03.02 Glass Waste Storage Facilities	941,784	47,089	0	0	0	0	988,873
16.1.03.02 Glass Waste Storage Facilities	706,338	35,317	0	0	0	0	741,655
08.1.03.04 SWPF Interface and Coordination	212,178	10,609	0	0	0	0	222,787
09.1.03.04 SWPF Interface and Coordination	849,680	42,484	0	0	0	0	892,164
10.1.03.04 SWPF Interface and Coordination	849,680	42,484	0	0	0	0	892,164
11.1.03.04 SWPF Interface and Coordination	849,680	42,484	0	0	0	0	892,164
12.1.03.04 SWPF Interface and Coordination	849,680	42,484	0	0	0	0	892,164
08.2.01 Waste Determinations	469,218	23,461	0	0	0	5,000	497,679
09.2.01 Waste Determinations	1,876,872	93,844	0	0	0	20,000	1,990,716
10.2.01 Waste Determinations	1,876,872	93,844	0	0	0	20,000	1,990,716
11.2.01 Waste Determinations	1,876,872	93,844	0	0	0	20,000	1,990,716
12.2.01 Waste Determinations	1,876,872	93,844	0	0	0	20,000	1,990,716
13.2.01 Waste Determinations	1,876,872	93,844	0	0	0	20,000	1,990,716
14.2.01 Waste Determinations	1,876,872	93,844	0	0	0	20,000	1,990,716
15.2.01 Waste Determinations	1,876,872	93,844	0	0	0	20,000	1,990,716
16.2.01 Waste Determinations	1,407,654	70,383	0	0	0	45,000	1,523,037
08.2.02 Environ, Safety, & Health and Assurance Services	4,859,151	242,958	0	0	0	300,000	5,402,109
09.2.02 Environ, Safety, & Health and Assurance Services	19,417,644	970,882	0	0	0	1,200,000	21,588,526
10.2.02 Environ, Safety, & Health and Assurance Services	19,417,644	970,882	0	0	0	1,200,000	21,588,526
11.2.02 Environ, Safety, & Health and Assurance Services	19,417,644	970,882	0	0	0	1,200,000	21,588,526
12.2.02 Environ, Safety, & Health and Assurance Services	19,417,644	970,882	0	0	0	1,200,000	21,588,526
13.2.02 Environ, Safety, & Health and Assurance Services	19,417,644	970,882	0	0	0	1,200,000	21,588,526
14.2.02 Environ, Safety, & Health and Assurance Services	19,417,644	970,882	0	0	0	1,200,000	21,588,526
15.2.02 Environ, Safety, & Health and Assurance Services	19,417,644	970,882	0	0	0	1,200,000	21,588,526
16.2.02 Environ, Safety, & Health and Assurance Services	14,563,233	728,162	0	0	0	900,000	16,191,395

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
08.2.03 Development and Maint of Safety Documentation	2,319,237	115,962	0	0	0	0	2,435,199
09.2.03 Development and Maint of Safety Documentation	9,276,948	463,847	0	0	0	0	9,740,795
10.2.03 Development and Maint of Safety Documentation	9,276,948	463,847	0	0	0	0	9,740,795
11.2.03 Development and Maint of Safety Documentation	9,276,948	463,847	0	0	0	0	9,740,795
12.2.03 Development and Maint of Safety Documentation	9,276,948	463,847	0	0	0	0	9,740,795
13.2.03 Development and Maint of Safety Documentation	9,276,948	463,847	0	0	0	0	9,740,795
14.2.03 Development and Maint of Safety Documentation	9,276,948	463,847	0	0	0	0	9,740,795
15.2.03 Development and Maint of Safety Documentation	9,276,948	463,847	0	0	0	0	9,740,795
16.2.03 Development and Maint of Safety Documentation	6,957,711	347,886	0	0	0	0	7,305,597
08.2.04.01 Engineering Services	1,134,534	56,727	0	0	0	0	1,191,261
09.2.04.01 Engineering Services	4,538,136	226,907	0	0	0	0	4,765,043
10.2.04.01 Engineering Services	4,538,136	226,907	0	0	0	0	4,765,043
11.2.04.01 Engineering Services	4,538,136	226,907	0	0	0	0	4,765,043
12.2.04.01 Engineering Services	4,538,136	226,907	0	0	0	0	4,765,043
13.2.04.01 Engineering Services	4,538,136	226,907	0	0	0	0	4,765,043
14.2.04.01 Engineering Services	4,538,136	226,907	0	0	0	0	4,765,043
15.2.04.01 Engineering Services	4,538,136	226,907	0	0	0	0	4,765,043
16.2.04.01 Engineering Services	3,403,602	170,180	0	0	0	0	3,573,782
08.2.04.02 Design and Construction Services	10,082,472	504,124	0	0	0	0	10,586,596
09.2.04.02 Design and Construction Services	40,377,937	2,018,897	0	0	0	0	42,396,834
10.2.04.02 Design and Construction Services	40,377,937	2,018,897	0	0	0	0	42,396,834
11.2.04.02 Design and Construction Services	40,377,937	2,018,897	0	0	0	0	42,396,834
12.2.04.02 Design and Construction Services	40,377,937	2,018,897	0	0	0	0	42,396,834
13.2.04.02 Design and Construction Services	40,377,937	2,018,897	0	0	0	0	42,396,834
14.2.04.02 Design and Construction Services	39,912,301	1,995,615	0	0	0	0	41,907,916
15.2.04.02 Design and Construction Services	40,377,937	2,018,897	0	0	0	0	42,396,834
16.2.04.02 Design and Construction Services	30,248,888	1,512,444	0	0	0	0	31,761,332
08.2.05 Operations Support (Not Including Utilities)	4,027,418	201,371	74,499	0	50,250	296,000	4,649,538
09.2.05 Operations Support(Not Including Utilities)	11,208,730	560,437	0	0	0	1,190,000	12,959,167
10.2.05 Operations Support (Not Including Utilities)	11,208,730	560,437	0	0	0	1,190,000	12,959,167
11.2.05 Operations Support (Not Including Utilities)	11,208,730	560,437	0	0	0	1,190,000	12,959,167
12.2.05 Operations Support (Not Including Utilities)	11,208,730	560,437	0	0	0	1,190,000	12,959,167
13.2.05 Operations Support (Not Including Utilities)	11,208,730	560,437	0	0	0	1,190,000	12,959,167
14.2.05 Operations Support (Not Including Utilities)	11,208,730	560,437	0	0	0	1,190,000	12,959,167
15.2.05 Operations Support (Not Including Utilities)	11,208,730	560,437	0	0	0	1,190,000	12,959,167
16.2.05 Operations Support (Not Including Utilities)	11,690,621	584,531	223,497	0	150,750	892,500	13,541,899

PART IV-REPRESENTATIONS AND INSTRUCTIONS
 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Labor	Unspecified Materials	Specified Materials	Equipment	Subcontract	Allowance	Total Direct Cost
08.2.05.01 Utilities	0	0	0	0	0	4,732,500	4,732,500
09.2.05.01 Utilities	0	0	0	0	0	18,930,000	18,930,000
10.2.05.01 Utilities	0	0	0	0	0	18,930,000	18,930,000
11.2.05.01 Utilities	0	0	0	0	0	18,930,000	18,930,000
12.2.05.01 Utilities	0	0	0	0	0	18,930,000	18,930,000
13.2.05.01 Utilities	0	0	0	0	0	18,930,000	18,930,000
14.2.05.01 Utilities	0	0	0	0	0	18,930,000	18,930,000
15.2.05.01 Utilities	0	0	0	0	0	18,930,000	18,930,000
16.2.05.01 Utilities	0	0	0	0	0	18,930,000	18,930,000
08.2.06 Planning, Administrative & Business Services	8,231,334	411,567	0	0	0	0	8,642,901
09.2.06 Planning, Administrative & Business Services	32,929,016	1,646,451	0	0	0	0	34,575,467
10.2.06 Planning, Administrative & Business Services	32,929,016	1,646,451	0	0	0	0	34,575,467
11.2.06 Planning, Administrative & Business Services	32,929,016	1,646,451	0	0	0	0	34,575,467
12.2.06 Planning, Administrative & Business Services	32,929,016	1,646,451	0	0	0	0	34,575,467
13.2.06 Planning, Administrative & Business Services	32,929,016	1,646,451	0	0	0	0	34,575,467
14.2.06 Planning, Administrative & Business Services	32,929,016	1,646,451	0	0	0	0	34,575,467
15.2.06 Planning, Administrative & Business Services	32,929,016	1,646,451	0	0	0	0	34,575,467
16.2.06 Planning, Administrative & Business Services	24,694,002	1,234,700	0	0	0	0	25,928,702
08.2.07 Analytical Laboratory Support	1,089,750	54,488	42,000	0	4,155,900	0	5,342,138
09.2.07 Analytical Laboratory Support	4,359,000	217,950	168,000	0	16,623,600	0	21,368,550
10.2.07 Analytical Laboratory Support	5,220,168	261,008	168,000	0	16,623,600	0	22,272,776
11.2.07 Analytical Laboratory Support	5,220,168	261,008	168,000	0	16,623,600	0	22,272,776
12.2.07 Analytical Laboratory Support	5,217,732	260,887	168,000	0	16,623,600	0	22,270,219
13.2.07 Analytical Laboratory Support	5,220,168	261,008	168,000	0	16,623,600	0	22,272,776
14.2.07 Analytical Laboratory Support	5,220,168	261,008	168,000	0	16,623,600	0	22,272,776
15.2.07 Analytical Laboratory Support	5,220,168	261,008	168,000	0	16,623,600	0	22,272,776
16.2.07 Analytical Laboratory Support	3,915,126	195,756	126,000	0	12,467,700	0	16,704,582

PART IV-REPRESENTATIONS AND INSTRUCTIONS
 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.03.01 Tank 1	0	0	0	0	0	20,006	55,205	0	0
ADMIN General Administrative							1,384		
A-MGR Area Manager						173			
CARP Carpenters (NE)						1,728	4,131		
ELEC Electricians (NE)						1,728	4,131		
ENCGE Geologist							1,384		
ENCGF Hydrogeologist							1,384		
ENECL Engineers, Electrical						347			
ENGCI Engineers, Civil						347			
ENGCO Engineers, Cost						347			
ENGME Engineers, Mechanical						347			
ENGNE Engineers, Nuclear						347			
ENGPE Engineers, Project						173			
ENGSAF Safety Engineers						1,655	5,190		
FLDER Field Engineers						1,308	6,574		
INSPE Inspectors						654	3,979		
IWRKS Ironworkers (NE)						1,728	4,131		
LAB Laborers (NE)						2,512	7,038		
LOSA Operations Shift Supervisor						327	1,038		
MGR Managers						173			
MSTECH Multi-Skilled Technician (NE)						515			
OPSENG Ops Engineers (NE)						173			
PIPE Pipefitter (NE)						1,728	4,131		
PROJMGR Project Managers						173			
RAD FH-AIRMOT Air Monitoring Technicians (NE)						960	7,038		
RAD FH-HYGTEH Industrial Hygiene Technician (NE)							1,224		
RAD H-DECTE Decontamination Technicians (NE)						141	1,224		
RAD H-RADPRTEC Radiation Protection Technicians (NE)						864			
RADCI Radiological Control (NE)						70			
SCHDR Schedulers/Planners						654			
SCHDR Schedulers/Planners						347			
SLADMIN Senior/Lead Administrative						173			
SMSTECH Senior Multi-Skilled Technician (NE)						314	1,224		

PART IV-REPRESENTATIONS AND INSTRUCTIONS
 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.01.03.02 Tank 2	0	0	0	0	77,452	63,234	15,488	0	0
ADMIN General Administrative							1,384		
A-MGR Area Manager					520	173			
CARP Carpenters (NE)					6,657	4,701			
ELEC Electricians (NE)					6,657	4,701			
ENCGE Geologist							1,384		
ENCGF Hydrogeologist							1,384		
ENECL Engineers, Electrical					2,600	347			
ENGCI Engineers, Civil					1,040	347			
ENGCO Engineers, Cost					1,040	347			
ENGME Engineers, Mechanical					4,860	347			
ENGNE Engineers, Nuclear					3,300	347			
ENGPE Engineers, Project					2,320	173			
ENGSAF Safety Engineers					5,436	5,969			
FLDER Field Engineers					2,436	5,622	1,384		
INSPE Inspectors					438	2,811	1,384		
IWRKS Ironworkers (NE)					1,158	4,701			
LAB Laborers (NE)					7,728	10,659	2,448		
LOSA Operations Shift Supervisor					1,430	2,703			
MACH Machinists (NE)					5,499	1,557			
MGR Managers					1,211	1,819			
MSTECH Multi-Skilled Technician (NE)					1,563	1,557			
OPSENG Ops Engineers (NE)					1,211				
PIPE Pipefitter (NE)					6,657	4,701			
PROJMGR Project Managers					2,080	173			
RAD FH-AIRMOT Air Monitoring Technicians (NE)					386	2,485	2,448		
RAD FH-HYGTEH Industrial Hygiene Technician (NE)							1,224		
RAD H-DECTE Decontamination Technicians (NE)					141	141	1,224		
RAD H-RADPRTEC Radiation Protection Technicians (NE)					3,376	4,348			
RADCI Radiological Control (NE)					70	70			
SCHDR Schedulers/Planners					1,478	563			
SHTMTL Sheetmetal (NE)					5,499				
SLADMIN Senior/Lead Administrative					520	173			
SMSTECH Senior Multi-Skilled Technician (NE)					141	1,698	1,224		

PART IV-REPRESENTATIONS AND INSTRUCTIONS
 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.03.03 Tank 3	0	0	63,778	72,940	53,496	35,347	0	0	0
ADMIN General Administrative						1,384			
A-MGR Area Manager			520	520	173				
CARP Carpenters (NE)			5,499	5,499	5,195	2,066			
ELEC Electricians (NE)			5,499	5,499	5,195	2,066			
ENCGE Geologist						1,384			
ENCGF Hydrogeologist						1,384			
ENECL Engineers, Electrical			2,600	2,600	867				
ENGCI Engineers, Civil			1,040	1,040	347				
ENGCO Engineers, Cost			1,040	1,040	347				
ENGME Engineers, Mechanical			4,860	4,860	1,620				
ENGNE Engineers, Nuclear			3,300	3,300	1,100				
ENGPE Engineers, Project			2,320	2,320	773				
ENGSAF Safety Engineers			4,560	4,560	5,096	2,595			
FLDER Field Engineers			1,560	1,560	4,096	3,979			
INSPE Inspectors					1,788	2,682			
IWRKS Ironworkers (NE)					3,362	2,066			
LAB Laborers (NE)			5,958	7,335	5,730	4,743			
LOSA Operations Shift Supervisor			519	2,076	1,110	519			
MACH Machinists (NE)			5,499	5,499	1,833				
MGR Managers			519	2,076	346				
MSTECH Multi-Skilled Technician (NE)			871	2,428	698				
OPSENG Ops Engineers (NE)			519	2,076	346				
PIPE Pipefitter (NE)			5,499	5,499	5,195	2,066			
PROJMGR Project Managers			2,080	2,080	693				
RAD FH-AIRMOT Air Monitoring Technicians (NE)					1,580	2,372			
RAD FH-HYGTEH Industrial Hygiene Technician (NE)						1,224			
RAD H-DECTE Decontamination Technicians (NE)			141	141	141	1,224			
RAD H-RADPRTEC Radiation Protection Technicians (NE)			2,105	3,662	2,811	2,372			
RADCI Radiological Control (NE)			70	70	70				
SCHDR Schedulers/Planners			1,040	1,040	838				
SHTMTL Sheetmetal (NE)			5,499	5,499	1,833				
SLADMIN Senior/Lead Administrative			520	520	173				
SMSTECH Senior Multi-Skilled Technician (NE)			141	141	141	1,224			

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 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.01.03.04 Tank 4	0	54,048	15,488	0	0	0	0	0	0
ADMIN General Administrative			1,384						
CARP Carpenters (NE)		5,859							
ELEC Electricians (NE)		5,859							
ENCGE Geologist			1,384						
ENCGF Hydrogeologist			1,384						
ENSAF Safety Engineers		6,498							
FLDER Field Engineers		6,498	1,384						
INSPE Inspectors		3,249	1,384						
IWRKS Ironworkers (NE)		5,859							
LAB Laborers (NE)		6,318	2,448						
LOSA Operations Shift Supervisor		1,365							
PIPE Pipefitter (NE)		5,859							
RAD FH-AIRMOT Air Monitoring Technicians (NE)		2,871	1,224						
RAD FH-HYGTEH Industrial Hygiene Technician (NE)			1,224						
RAD H-DECCTE Decontamination Technicians (NE)			1,224						
RAD H-RADPRTEC Radiation Protection Technicians (NE)		3,159	1,224						
SCHDR Schedulers/Planners		654							
SMSTECH Senior Multi-Skilled Technician (NE)			1,224						
1.01.01.01.03.05 Tank 5	127,151	15,488	0						
ADMIN General Administrative		1,384							
CARP Carpenters (NE)		13,193							
ELEC Electricians (NE)		13,193							
ENCGE Geologist			1,384						
ENCGF Hydrogeologist			1,384						
ENSAF Safety Engineers		16,370							
FLDER Field Engineers		16,370	1,384						
INSPE Inspectors		8,585	1,384						
IWRKS Ironworkers (NE)		13,193							
LAB Laborers (NE)		14,570	2,448						
LOSA Operations Shift Supervisor		3,514							
PIPE Pipefitter (NE)		13,193							
RAD FH-AIRMOT Air Monitoring Technicians (NE)		7,285	1,224						
RAD FH-HYGTEH Industrial Hygiene Technician (NE)			1,224						
RAD H-DECCTE Decontamination Technicians (NE)			1,224						
RAD H-RADPRTEC Radiation Protection Technicians (NE)		7,685	1,224						
SMSTECH Senior Multi-Skilled Technician (NE)			1,224						

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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.03.06 Tank 6	65,576	15,488	0	0	0	0	0	0	0
ADMIN General Administrative		1,384							
CARP Carpenters (NE)	6,797								
ELEC Electricians (NE)	6,797								
ENCGE Geologist		1,384							
ENCGF Hydrogeologist		1,384							
ENSAF Safety Engineers	8,385								
FLDER Field Engineers	8,385	1,384							
INSPE Inspectors	4,493	1,384							
IWRKS Ironworkers (NE)	6,797								
LAB Laborers (NE)	7,485	2,448							
LOSA Operations Shift Supervisor	1,857								
PIPE Pipefitter (NE)	6,797								
RAD FH-AIRMOT Air Monitoring Technicians (NE)	3,743	1,224							
RAD FH-HYGTEH Industrial Hygiene Technician (NE)		1,224							
RAD H-DECTE Decontamination Technicians (NE)		1,224							
RAD H-RADPRTEC Radiation Protection Technicians (NE)	4,043	1,224							
SMSTECH Senior Multi-Skilled Technician (NE)		1,224							
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.03.07 Tank 7	0	1,018	0	0	0	0	54,048	15,488	0
ADMIN General Administrative							1,384		
CARP Carpenters (NE)						5,859			
ELEC Electricians (NE)						5,859			
ENCGE Geologist							1,384		
ENCGF Hydrogeologist							1,384		
ENSAF Safety Engineers						6,498			
FLDER Field Engineers						6,498	1,384		
INSPE Inspectors						3,249	1,384		
IWRKS Ironworkers (NE)						5,859			
LAB Laborers (NE)		153				6,318	2,448		
LOSA Operations Shift Supervisor		173				1,365			
MGR Managers		173							
MSTECH Multi-Skilled Technician (NE)		173							
OPSENG Ops Engineers (NE)		173							
PIPE Pipefitter (NE)						5,859			
RAD FH-AIRMOT Air Monitoring Technicians (NE)						2,871	1,224		
RAD FH-HYGTEH Industrial Hygiene Technician (NE)							1,224		
RAD H-DECTE Decontamination Technicians (NE)							1,224		
RAD H-RADPRTEC Radiation Protection Technicians (NE)		173				3,159	1,224		
SCHDR Schedulers/Planners							654		
SMSTECH Senior Multi-Skilled Technician (NE)							1,224		

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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.01.03.08 Tank 8	0	0	39,717	15,488	0	0	0	0	0
ADMIN General Administrative				1,384					
CARP Carpenters (NE)			4,131						
ELEC Electricians (NE)			4,131						
ENCGE Geologist				1,384					
ENCGF Hydrogeologist				1,384					
ENGSAF Safety Engineers			5,190						
FLDER Field Engineers			5,190	1,384					
INSPE Inspectors			2,595	1,384					
IWRKS Ironworkers (NE)			4,131						
LAB Laborers (NE)			4,590	2,448					
LOSA Operations Shift Supervisor				1,038					
PIPE Pipefitter (NE)			4,131						
RAD FH-AIRMOT Air Monitoring Technicians (NE)			2,295	1,224					
RAD FH-HYGTEH Industrial Hygiene Technician (NE)				1,224					
RAD H-DECTE Decontamination Technicians (NE)				1,224					
RAD H-RADPRTEC Radiation Protection Technicians (NE)			2,295	1,224					
SMSTECH Senior Multi-Skilled Technician (NE)				1,224					
1.01.01.01.03.18 Tank 18	119,151	15,488	0	0	0	0	0	0	0
ADMIN General Administrative		1,384							
CARP Carpenters (NE)	12,393								
ELEC Electricians (NE)	12,393								
ENCGE Geologist		1,384							
ENCGF Hydrogeologist		1,384							
ENGSAF Safety Engineers	15,570								
FLDER Field Engineers	15,570	1,384							
INSPE Inspectors	7,785	1,384							
IWRKS Ironworkers (NE)	12,393								
LAB Laborers (NE)	13,770	2,448							
LOSA Operations Shift Supervisor	3,114								
PIPE Pipefitter (NE)	12,393								
RAD FH-AIRMOT Air Monitoring Technicians (NE)	6,885	1,224							
RAD FH-HYGTEH Industrial Hygiene Technician (NE)		1,224							
RAD H-DECTE Decontamination Technicians (NE)		1,224							
RAD H-RADPRTEC Radiation Protection Technicians (NE)	6,885	1,224							
SMSTECH Senior Multi-Skilled Technician (NE)		1,224							

PART IV-REPRESENTATIONS AND INSTRUCTIONS
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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
	0	15,488	0	0	0	0	0	0	0
1.01.01.03.19 Tank 19									
ADMIN General Administrative		1,384							
ENCGE Geologist		1,384							
ENCGF Hydrogeologist		1,384							
FLDER Field Engineers		1,384							
INSPE Inspectors		1,384							
LAB Laborers (NE)		2,448							
RAD FH-AIRMOT Air Monitoring Technicians (NE)		1,224							
RAD FH-HYGTEH Industrial Hygiene Technician (NE)		1,224							
RAD H-DECCTE Decontamination Technicians (NE)		1,224							
RAD H-RADPRTEC Radiation Protection Technicians (NE)		1,224							
SMSTECH Senior Multi-Skilled Technician (NE)		1,224							
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.02.03.09 Tank 9	0	0	0	0	0	0	11,335	16,398	12,685
A-MGR Area Manager							173		173
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)							153		153
ENEJC Engineers, Electrical							347		347
ENGCI Engineers, Civil							347		347
ENGCO Engineers, Cost							347		347
ENGME Engineers, Mechanical							347		347
ENGNE Engineers, Nuclear							347		347
ENGPE Engineers, Project							173		173
ENGSAF Safety Engineers							347		347
LAB Laborers (NE)							978	2,119	
LOSA Operations Shift Supervisor							1,038	2,249	
MGR Managers							1,038	2,249	
MSTECH Multi-Skilled Technician (NE)							1,390	2,601	3,621
OPSENG Ops Engineers (NE)							1,038	2,249	173
PROJMGR Project Managers							173	141	1,450
RAD H-DECCTE Decontamination Technicians (NE)							141	2,460	2,170
RAD H-RADPRTEC Radiation Protection Tech (NE)							1,249	70	720
RADCI Radiological Control (NE)							70		347
SCHDR Schedulers/Planners							347		173
SLADMIN Senior/Lead Administrative							173		1,450
SMSTECH Senior Multi-Skilled Technician (NE)							1,119	2,260	

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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.02.03.10 Tank 10	0	0	0	0	0	5,333	0	0	0
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)						153			
ENEJC Engineers, Electrical						173			
ENGME Engineers, Mechanical						173			
ENGNE Engineers, Nuclear						173			
ENGPE Engineers, Project						173			
ENGSAT Safety Engineers						173			
LAB Laborers (NE)						459			
LOSA Operations Shift Supervisor						519			
MGR Managers						519			
MSTECH Multi-Skilled Technician (NE)						871			
OPSENG Ops Engineers (NE)						519			
PROJMGR Project Managers						173			
RAD H-DECTE Decontamination Technicians (NE)						141			
RAD H-RADPRTEC Radiation Protection Technicians (NE)						730			
RADCI Radiological Control (NE)						70			
SCHDR Schedulers/Planners						173			
SMSTECH Senior Multi-Skilled Technician (NE)						141			

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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.02.03.12 Tank 12	0	30,456	0	0	69,398	30,607	35,347	0	0
ADMIN General Administrative							1,384		
A-MGR Area Manager					520				
CARP Carpenters (NE)	3,852				5,931	3,362			
ELEC Electricians (NE)	3,852				5,931	3,362			
ENCGE Geologist							1,384		
ENCGF Hydrogeologist							1,384		
ENECL Engineers, Electrical					2,600		2,066		
ENGCI Engineers, Civil					1,040		2,066		
ENGCO Engineers, Cost					1,040				
ENGME Engineers, Mechanical					4,860				
ENGNE Engineers, Nuclear					3,300				
ENGPE Engineers, Project					2,320				
ENGSAF Safety Engineers	2,904				4,887	3,576	2,595		
FLDER Field Engineers	2,904				1,887	3,576	3,979		
INSPE Inspectors	1,452				164	1,788	2,682		
IWRKS Ironworkers (NE)	3,852				432	3,362	2,066		
LAB Laborers (NE)	3,852				6,696	3,591	4,743		
LOSA Operations Shift Supervisor	726				947	764	519		
MACH Machinists (NE)					5,499				
MGR Managers					865				
MSTECH Multi-Skilled Technician (NE)					1,217				
OPSENG Ops Engineers (NE)					865				
PIPE Pipefitter (NE)	3,852				5,931	3,362	2,066		
PROJMGR Project Managers					2,080				
RAD FH-AIRMOT Air Monitoring Technicians (NE)	1,284				144	1,580	2,372		
RAD FH-HYGTEH Industrial Hygiene Technician (NE)							1,224		
RAD H-DECTE Decontamination Technicians (NE)					141		1,224		
RAD H-RADPRTEC Radiation Protection Technicians (NE)	1,926				2,667	1,796	2,372		
RADI Radiological Control (NE)					70				
SCHDR Schedulers/Planners					1,204	491			
SHTMTL Sheetmetal (NE)					5,499				
SLADMIN Senior/Lead Administrative					520				
SMSTECH Senior Multi-Skilled Technician (NE)					141		1,224		

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 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.02.03.13 Tank 13	0	0	0	29,497	0	0	0	14,331	39,717
A-MGR Area Manager				693					
CARP Carpenters (NE)				917				1,728	4,131
ELEC Electricians (NE)				917				1,728	4,131
ENECLC Engineers, Electrical				1,907					
ENGCI Engineers, Civil				1,387					
ENGCO Engineers, Cost				1,387					
ENGME Engineers, Mechanical				1,907					
ENGNE Engineers, Nuclear				1,387					
ENGPE Engineers, Project				866					
ENGSAF Safety Engineers				1,560			1,308	5,190	
FLDER Field Engineers				520			1,308	5,190	
INSPE Inspectors							654	2,595	
IWRKS Ironworkers (NE)								1,728	4,131
LAB Laborers (NE)				2,751				1,728	4,590
LOSA Operations Shift Supervisor				1,038				327	1,038
MACH Machinists (NE)				917					
MGR Managers				1,038					
MSTECH Multi-Skilled Technician (NE)				1,390					
OPSENG Ops Engineers (NE)				1,038					
PIPE Pipefitter (NE)				917			1,728	4,131	
PROJMGR Project Managers				866					
RAD FH-AIRMOT Air Monitoring Technicians (NE)								576	2,295
RAD H-DECITE Decontamination Technicians (NE)				141					
RAD H-RADPRTEC Radiation Protection Tech (NE)				1,707			864	2,295	
RADCI Radiological Control (NE)				70					
SCHDR Schedulers/Planners				1,387			654		
SHTML Sheetmetal (NE)				917					
SLADMIN Senior/Lead Administrative				693					
SMSTECH Senior Multi-Skilled Technician (NE)				1,179					

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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.02.03.16 Tank 16	0	24,000	0	15,488	0	0	0	0	0
ADMIN General Administrative				1,384					
CARP Carpenters (NE)		2,400							
ELEC Electricians (NE)		2,400							
ENCGE Geologist				1,384					
ENCGF Hydrogeologist				1,384					
ENGSAF Safety Engineers		2,400							
FLDER Field Engineers		2,400		1,384					
INSPE Inspectors		2,400		1,384					
IWRKS Ironworkers (NE)		2,400							
LAB Laborers (NE)		2,400		2,448					
LOSA Operations Shift Supervisor		1,200							
PIPE Pipefitter (NE)		2,400							
RAD FH-AIRMOT Air Monitoring Technicians (NE)		1,200		1,224					
RAD FH-HYGTEH Industrial Hygiene Technician (NE)				1,224					
RAD H-DECITE Decontamination Technicians (NE)				1,224					
RAD H-RADPRTEC Radiation Protection Technicians (NE)		2,400		1,224					
SMSTECH Senior Multi-Skilled Technician (NE)				1,224					
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.02.03.21 Tank 21	0	0	0	0	0	0	0	0	5,227
A-MGR Area Manager									173
ENECLC Engineers, Electrical									347
ENGCI Engineers, Civil									347
ENGCO Engineers, Cost									347
ENGME Engineers, Mechanical									347
ENGNE Engineers, Nuclear									347
ENGPE Engineers, Project									173
ENGSAF Safety Engineers									347
LAB Laborers (NE)									153
LOSA Operations Shift Supervisor									173
MGR Managers									173
MSTECH Multi-Skilled Technician (NE)									525
OPSENG Ops Engineers (NE)									173
PROJMGR Project Managers									173
RAD H-DECITE Decontamination Technicians (NE)									141
RAD H-RADPRTEC Radiation Protection Technicians (NE)									384
RADCI Radiological Control (NE)									70
SCHDR Schedulers/Planners									347
SLADMIN Senior/Lead Administrative									173
SMSTECH Senior Multi-Skilled Technician (NE)									314

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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.02.03.23 Tank 23	0	2,442	0	9,819	23,542	3,297	0	0	0
A-MGR Area Manager				173	693				
CARP Carpenters (NE)				458	917				
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)						153			
ELEC Electricians (NE)				458	917				
ENECLC Engineers, Electrical				520	1,907	173			
ENGCI Engineers, Civil				347	1,387				
ENGCO Engineers, Cost				347	1,387				
ENGME Engineers, Mechanical				520	1,907	173			
ENGNE Engineers, Nuclear				347	1,387	173			
ENGPE Engineers, Project				346	866	173			
ENGSAF Safety Engineers				520	1,560	173			
FLDER Field Engineers				519	520				
LAB Laborers (NE)		230		1,070	1,986	153			
LOSA Operations Shift Supervisor		260		173	173	173			
MACH Machinists (NE)					917				
MGR Managers		260		173	173	173			
MSTECH Multi-Skilled Technician (NE)		612		525	525	525			
OPSENG Ops Engineers (NE)		260		173	173	173			
PIPE Pipefitter (NE)				917	917				
PROJMGR Project Managers				346	866	173			
RAD H-DECTE Decontamination Technicians (NE)		141		141	141	141			
RAD H-RADPRTEC Radiation Protection Technicians (NE)		471		842	842	384			
RADCI Radiological Control (NE)		70		70	70	70			
SCHDR Schedulers/Planners				347	1,387	173			
SHTMTL Sheetmetal (NE)					917				
SLADMIN Senior/Lead Administrative				173	693				
SMSTECH Senior Multi-Skilled Technician (NE)		141		314	314	141			

PART IV-REPRESENTATIONS AND INSTRUCTIONS
 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.02.03.24 Tank 24	0	2,442	0	0	0	3,297	5,380	0	0
A-MGR Area Manager							173		
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)						153	153		
ENEJC Engineers, Electrical						173	347		
ENGCI Engineers, Civil							347		
ENGCO Engineers, Cost							347		
ENGME Engineers, Mechanical						173	347		
ENGNE Engineers, Nuclear						173	347		
ENGPE Engineers, Project						173	173		
ENGSAT Safety Engineers						173	347		
LAB Laborers (NE)	230					153	163		
LOSA Operations Shift Supervisor		260				173	173		
MGR Managers		260				173	173		
MSTECH Multi-Skilled Technician (NE)		612				525	525		
OPSENG Ops Engineers (NE)		260				173	173		
PROJMGR Project Managers						173	173		
RAD H-DECITE Decontamination Technicians (NE)		141				141	141		
RAD H-RADPRTEC Radiation Protection Technicians (NE)		471				384	384		
RADCI Radiological Control (NE)		70				70	70		
SCHDR Schedulers/Planners						173	347		
SLADMIN Senior/Lead Administrative							173		
SMSTECH Senior Multi-Skilled Technician (NE)		141				141	304		
1.01.01.02.03.35 Tank 35	0	0	0	0	0	3297	5380	0	0
A-MGR Area Manager							173		
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)						153	153		
ENEJC Engineers, Electrical						173	347		
ENGCI Engineers, Civil							347		
ENGCO Engineers, Cost							347		
ENGME Engineers, Mechanical						173	347		
ENGNE Engineers, Nuclear						173	347		
ENGPE Engineers, Project						173	173		
ENGSAT Safety Engineers						173	347		
LAB Laborers (NE)						153	163		
LOSA Operations Shift Supervisor						173	173		
MGR Managers						173	173		
MSTECH Multi-Skilled Technician (NE)						525	525		
OPSENG Ops Engineers (NE)						173	173		
PROJMGR Project Managers						173	173		
RAD H-DECITE Decontamination Technicians (NE)						141	141		
RAD H-RADPRTEC Radiation Protection Technicians (NE)						384	384		
RADCI Radiological Control (NE)						70	70		
SCHDR Schedulers/Planners						173	347		
SLADMIN Senior/Lead Administrative							173		
SMSTECH Senior Multi-Skilled Technician (NE)						141	304		

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 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.02.03.39 Tank 39	0	5380							
A-MGR Area Manager									173
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)									153
ENELC Engineers, Electrical									347
ENGCI Engineers, Civil									347
ENGCO Engineers, Cost									347
ENGME Engineers, Mechanical									347
ENGNE Engineers, Nuclear									347
ENGPE Engineers, Project									173
ENGSAF Safety Engineers									347
LAB Laborers (NE)									153
LOSA Operations Shift Supervisor									173
MGR Managers									173
MSTECH Multi-Skilled Technician (NE)									525
OPSENG Ops Engineers (NE)									173
PROJMGR Project Managers									173
RAD H-DECTE Decontamination Technicians (NE)									141
RAD H-RADPRTEC Radiation Protection Technicians (NE)									384
RADCI Radiological Control (NE)									70
SCHDR Schedulers/Planners									347
SLADMIN Senior/Lead Administrative									173
SMSTECH Senior Multi-Skilled Technician (NE)									314

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 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.02.03.41 Tank 41	0	30,553	63,778	63,778	63,778	10,180	12,216	12,216	9,162
A-MGR Area Manager		519	520	520	520				
CARP Carpenters (NE)		2,750	5,499	5,499	5,499				
ELEC Electricians (NE)		2,750	5,499	5,499	5,499				
ENECLC Engineers, Electrical		1,557	2,600	2,600	2,600				
ENGCI Engineers, Civil		1,038	1,040	1,040	1,040				
ENGCO Engineers, Cost		1,038	1,040	1,040	1,040				
ENGME Engineers, Mechanical		1,557	4,860	4,860	4,860				
ENGNE Engineers, Nuclear		1,038	3,300	3,300	3,300				
ENGPE Engineers, Project		1,038	2,320	2,320	2,320				
ENGSAF Safety Engineers		1,557	4,560	4,560	4,560				
FLDER Field Engineers		1,557	1,560	1,560	1,560				
LAB Laborers (NE)		2,903	5,958	5,958	5,958	1,530	1,836	1,836	1,377
LOSA Operations Shift Supervisor		173	519	519	519	1,730	2,076	2,076	1,557
MACH Machinists (NE)			5,499	5,499	5,499				
MGR Managers		173	519	519	519	1,730	2,076	2,076	1,557
MSTECH Multi-Skilled Technician (NE)		525	871	871	871	1,730	2,076	2,076	1,557
OPSENG Ops Engineers (NE)		173	519	519	519	1,730	2,076	2,076	1,557
PIPE Pipefitter (NE)		5,499	5,499	5,499	5,499				
PROJMGTR Project Managers		1,038	2,080	2,080	2,080				
RAD H-DECTE Decontamination Technicians (NE)		141	141	141	141				
RAD H-RADPRTEC Radiation Protection Technicians (NE)		1,761	2,105	2,105	2,105	1,730	2,076	2,076	1,557
RADC Radiological Control (NE)		70	70	70	70				
SCHDR Schedulers/Planners		1,038	1,040	1,040	1,040				
SHTMTL Sheetmetal (NE)			5,499	5,499	5,499				
SLADMIN Senior/Lead Administrative		519	520	520	520				
SMSTECH Senior Multi-Skilled Technician (NE)		141	141	141	141				

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 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.02.03.42 Tank 42	0	0	0	0	0	70,904	30,251	30,251	38,209
A-MGR Area Manager						520	520	520	1,040
CARP Carpenters (NE)						5,499			
ELEC Electricians (NE)						5,499			
ENECLC Engineers, Electrical						2,600	1,040	1,040	2,080
ENGCI Engineers, Civil						1,040	1,040	1,040	2,080
ENGCO Engineers, Cost						1,040	1,040	1,040	2,080
ENGME Engineers, Mechanical						4,860	3,300	3,300	6,600
ENGNE Engineers, Nuclear						3,300	3,300	3,300	6,600
ENGPE Engineers, Project						2,320	1,800	1,800	3,600
ENGSAF Safety Engineers						4,560	3,000	3,000	6,000
FLDER Field Engineers						1,560			
LAB Laborers (NE)						7,029	1,836	1,836	459
LOSA Operations Shift Supervisor						1,730	2,076	2,076	519
MACH Machinists (NE)						5,499			
MGR Managers						1,730	2,076	2,076	519
MSTECH Multi-Skilled Technician (NE)						2,082	2,428	2,428	871
OPSENG Ops Engineers (NE)						1,730	2,076	2,076	519
PIPE Pipefitter (NE)						5,499			
PROJMGTR Project Managers						2,080	520	520	1,040
RAD H-DECTE Decontamination Technicians (NE)						141	141	141	141
RAD H-RADPRTEC Radiation Protection Technicians (NE)						3,316	2,287	2,287	730
RADCI Radiological Control (NE)						70	70	70	70
SCHDR Schedulers/Planners						1,040	1,040	1,040	2,080
SHTMTL Sheetmetal (NE)						5,499			
SLADMIN Senior/Lead Administrative						520	520	520	1,040
SMSTECH Senior Multi-Skilled Technician (NE)						141	141	141	141

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 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.02.03.48 Tank 48	0	0	0	26,918	1,629	3,019	5,431	5,401	5,701
A-MGR Area Manager				347					
CARP Carpenters (NE)				917					
ELEC Electricians (NE)				917					
ENEJC Engineers, Electrical				1,213					
ENGCI Engineers, Civil				693					
ENGCO Engineers, Cost				693					
ENGME Engineers, Mechanical				1,213					
ENGNE Engineers, Nuclear				693					
ENGPE Engineers, Project				520					
ENGSAF Safety Engineers				866					
FLDER Field Engineers				520					
LAB Laborers (NE)				3,300	611	153	489	459	759
LOSA Operations Shift Supervisor				1,557	173	173	519	519	519
MACH Machinists (NE)				917					
MGR Managers				1,557	173	173	519	519	519
MSTECH Multi-Skilled Technician (NE)				1,909	153	876	1,222	1,222	1,222
OPSENG Ops Engineers (NE)				1,557	173	173	519	519	519
PIPE Pipefitter (NE)				917					
PROJMGTR Project Managers				520					
RAD H-DECTE Decontamination Technicians (NE)				141	173	281	281	281	281
RAD H-RADPRTEC Radiation Protection Technicians (NE)				2,226		595	941	941	941
RADC Radiological Control (NE)				70		141	141	141	141
SCHDR Schedulers/Planners				693					
SHTMTL Sheetmetal (NE)				917					
SLADMIN Senior/Lead Administrative				347					
SMSTECH Senior Multi-Skilled Technician (NE)				1,698	173	454	800	800	800

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 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.02.03.49 Tank 49	0	12,216	4,011	22,493	12,220	12,220	12,340	12,220	9,342
LAB Laborers (NE)		1,836	1,211	7,332	1,836	1,836	1,956	1,836	1,557
LOSA Operations Shift Supervisor		2,076	560	2,080	2,076	2,076	2,076	2,076	1,557
MGR Managers		2,076	560	2,080	2,080	2,080	2,080	2,080	1,557
MSTECH Multi-Skilled Technician (NE)		2,076	560	7,332	2,076	2,076	2,076	2,076	1,557
OPSENG Ops Engineers (NE)		2,076	560	1,833	2,076	2,076	2,076	2,076	1,557
RAD H-RADPRTEC Radiation Protection Technicians (NE)		2,076	560	1,836	2,076	2,076	2,076	2,076	1,557
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.01.02.03.50 Tank 50	12,252	12,577	13,609	12,345	0	33,643	59,762	60,002	45,000
LAB Laborers (NE)		1,836	1,836	7,332	1,836	9,776	9,168	9,168	6,876
LOSA Operations Shift Supervisor		2,076	2,076	960	2,080	4,849	10,396	10,396	7,797
MGR Managers		2,076	2,076	960	2,080	2,773	4,160	4,160	3,120
MSTECH Multi-Skilled Technician (NE)		2,088	2,197	2,197	2,197	6,885	16,982	16,982	12,735
OPSENG Ops Engineers (NE)		2,076	2,076	960	2,076	4,520	9,168	9,408	7,056
RAD H-DECITE Decontamination Technicians (NE)		6	60	60	60	80	120	120	90
RAD H-RADPRTEC Radiation Protection Technicians (NE)		2,082	2,136	1,020	1,896	4,600	9,528	9,528	7,146
RADCI Radiological Control (NE)		6	60	60	60	80	120	120	90
SMSTECH Senior Multi-Skilled Technician (NE)		6	60	60	60	80	120	120	90
1.01.02.01 Tank & Assoc Fac Closure - F Tank Farm	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.01.01 Planning & Oversight	11,678	15,311	33,908	33,043	2,076	11,245	0	0	0
ENGCO Engineers, Cost				3,460	1,730	1,730			
ESTIM Cost Estimators				3,460	1,730	1,730			
PROJMGR Project Managers		3,893	6,488	15,570	12,456	2,076	5,190		
SCHDR Schedulers/Planners		7,785	8,823	11,418	17,127		2,595		
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.01.02 Engineering	26,469	34,601	85,116	82,867	9,688	33,043	0	0	0
ENGCI Engineers, Civil				18,684	9,342	9,342			
ENGNE Engineers, Nuclear		8,823	11,765	14,532	20,587	3,460	3,979		
ENGPE Engineers, Project		17,646	19,376	35,292	46,364	2,768	13,148		
ENGQC Engineers, Quality Control			3,460	16,608	6,574	3,460	6,574		

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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.01.03.01 Tank 1	0	0	0	0	779	0	4,000	692	20,160
ADMIN General Administrative								692	2,076
CARP Carpenters (NE)							400		
ELEC Electricians (NE)							400		
ENGSAF Safety Engineers							400		
FLDER Field Engineers							400		5,190
INSPE Inspectors							400		8,304
IWRKS Ironworkers (NE)							400		
LAB Laborers (NE)							400		
LOSA Operations Shift Supervisor							200		
PIPE Pipefitter (NE)							400		
PROJMGR Project Managers					260				
RAD FH-AIRMOT Air Monitoring Technicians (NE)							200		
RAD FH-HYGTEH Industrial Hygiene Technician (NE)								918	
RAD H-RADPRTEC Radiation Protection Technicians (NE)							400		2,754
SCHDR Schedulers/Planners					519				
SMSTECH Senior Multi-Skilled Technician (NE)								918	
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.01.03.02 Tank 2	0	0	0	0	522	4,000	346	20,506	0
ADMIN General Administrative							346		2,422
CARP Carpenters (NE)							400		
ELEC Electricians (NE)							400		
ENGSAF Safety Engineers							400		
FLDER Field Engineers							400		5,190
INSPE Inspectors							400		8,304
IWRKS Ironworkers (NE)							400		
LAB Laborers (NE)							400		
LOSA Operations Shift Supervisor							200		
PIPE Pipefitter (NE)							400		
PROJMGR Project Managers					174				
RAD FH-AIRMOT Air Monitoring Technicians (NE)							200		
RAD FH-HYGTEH Industrial Hygiene Technician (NE)								918	
RAD H-RADPRTEC Radiation Protection Technicians (NE)							400		2,754
SCHDR Schedulers/Planners					348				
SMSTECH Senior Multi-Skilled Technician (NE)								918	

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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.01.03.03 Tank 3	0	0	0	779	0	4,000	7,259	13,593	0
ADMIN General Administrative							1,211	1,557	
CARP Carpenters (NE)						400			
ELEC Electricians (NE)						400			
ENGSAF Safety Engineers						400			
FLDER Field Engineers						400	1,557	3,633	
INSPE Inspectors						400	3,114	5,190	
IWRKS Ironworkers (NE)						400			
LAB Laborers (NE)						400			
LOSA Operations Shift Supervisor						200			
PIPE Pipefitter (NE)						400			
PROJMGR Project Managers				260					
RAD FH-AIRMOT Air Monitoring Technicians (NE)						200			
RAD FH-HYGTEH Industrial Hygiene Technician (NE)							918		
RAD H-RADPRTEC Radiation Protection Technicians (NE)						400	1,377	1,377	
SCHDR Schedulers/Planners				519					
SMSTECH Senior Multi-Skilled Technician (NE)							918		
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.01.03.04 Tank 4	0	4,779	346	20,506	0	0	0	0	0
ADMIN General Administrative			346	2,422					
CARP Carpenters (NE)		400							
ELEC Electricians (NE)		400							
ENGSAF Safety Engineers		400							
FLDER Field Engineers		400		5,190					
INSPE Inspectors		400		8,304					
IWRKS Ironworkers (NE)		400							
LAB Laborers (NE)		400							
LOSA Operations Shift Supervisor		200							
PIPE Pipefitter (NE)		400							
PROJMGR Project Managers		260							
RAD FH-AIRMOT Air Monitoring Technicians (NE)		200							
RAD FH-HYGTEH Industrial Hygiene Technician (NE)				918					
RAD H-RADPRTEC Radiation Protection Technicians (NE)		400		2,754					
SCHDR Schedulers/Planners		519							
SMSTECH Senior Multi-Skilled Technician (NE)				918					

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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.01.03.05 Tank 5	0	346	20,506	0	0	0	0	0	0
ADMIN General Administrative		346	2,422						
FLDER Field Engineers			5,190						
INSPE Inspectors			8,304						
RAD FH-HYGTEH Industrial Hygiene Technician (NE)			918						
RAD H-RADPRTEC Radiation Protection Technicians (NE)			2,754						
SMSTECH Senior Multi-Skilled Technician (NE)			918						
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.01.03.06 Tank 6	4,000	346	20,506	0	0	0	0	0	0
ADMIN General Administrative		346	2,422						
CARP Carpenters (NE)	400								
ELEC Electricians (NE)	400								
ENGSAF Safety Engineers	400								
FLDER Field Engineers	400		5,190						
INSPE Inspectors	400		8,304						
IWRKS Ironworkers (NE)	400								
LAB Laborers (NE)	400								
LOSA Operations Shift Supervisor	200								
PIPE Pipefitter (NE)	400								
RAD FH-AIRMOT Air Monitoring Technicians (NE)	200								
RAD FH-HYGTEH Industrial Hygiene Technician (NE)			918						
RAD H-RADPRTEC Radiation Protection Technicians (NE)	400		2,754						
SMSTECH Senior Multi-Skilled Technician (NE)			918						
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.01.03.07 Tank 7	0	0	0	0	0	0	4,779	692	16,800
ADMIN General Administrative							692	1,730	
CARP Carpenters (NE)						400			
ELEC Electricians (NE)						400			
ENGSAF Safety Engineers						400			
FLDER Field Engineers						400		4,325	
INSPE Inspectors						400		6,920	
IWRKS Ironworkers (NE)						400			
LAB Laborers (NE)						400			
LOSA Operations Shift Supervisor						200			
PIPE Pipefitter (NE)						400			
PROJMGR Project Managers						260			
RAD FH-AIRMOT Air Monitoring Technicians (NE)						200			
RAD FH-HYGTEH Industrial Hygiene Technician (NE)								765	
RAD H-RADPRTEC Radiation Protection Technicians (NE)						400		2,295	
SCHDR Schedulers/Planners						519			
SMSTECH Senior Multi-Skilled Technician (NE)								765	

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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.01.03.08 Tank 8	0	779	4,000	346	20,506	0	0	0	0
ADMIN General Administrative				346	2,422				
CARP Carpenters (NE)			400						
ELEC Electricians (NE)			400						
ENGSAF Safety Engineers			400						
FLDER Field Engineers			400		5,190				
INSPE Inspectors			400		8,304				
IWRKS Ironworkers (NE)			400						
LAB Laborers (NE)			400						
LOSA Operations Shift Supervisor			200						
PIPE Pipefitter (NE)			400						
PROJMGR Project Managers		260							
RAD FH-AIRMOT Air Monitoring Technicians (NE)			200						
RAD FH-HYGTEH Industrial Hygiene Technician (NE)					918				
RAD H-RADPRTEC Radiation Protection Technicians (NE)			400		2,754				
SCHDR Schedulers/Planners		519							
SMSTECH Senior Multi-Skilled Technician (NE)					918				
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.01.03.18 Tank 18	4,000	346	20,506	0	0	0	0	0	0
ADMIN General Administrative		346	2,422						
CARP Carpenters (NE)		400							
ELEC Electricians (NE)		400							
ENGSAF Safety Engineers		400							
FLDER Field Engineers		400	5,190						
INSPE Inspectors		400	8,304						
IWRKS Ironworkers (NE)		400							
LAB Laborers (NE)		400							
LOSA Operations Shift Supervisor		200							
PIPE Pipefitter (NE)		400							
RAD FH-AIRMOT Air Monitoring Technicians (NE)		200							
RAD FH-HYGTEH Industrial Hygiene Technician (NE)			918						
RAD H-RADPRTEC Radiation Protection Technicians (NE)		400		2,754					
SMSTECH Senior Multi-Skilled Technician (NE)			918						

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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.01.03.19 Tank 19	4,779	346	20,506	0	0	0	0	0	0
ADMIN General Administrative		346	2,422						
CARP Carpenters (NE)	400								
ELEC Electricians (NE)	400								
ENGSAF Safety Engineers	400								
FLDER Field Engineers	400		5,190						
INSPE Inspectors	400		8,304						
IWRKS Ironworkers (NE)	400								
LAB Laborers (NE)	400								
LOSA Operations Shift Supervisor	200								
PIPE Pipefitter (NE)	400								
PROJMGR Project Managers	260								
RAD FH-AIRMOT Air Monitoring Technicians (NE)	200								
RAD FH-HYGTEH Industrial Hygiene Technician (NE)			918						
RAD H-RADPRTEC Radiation Protection Technicians (NE)	400		2,754						
SCHDR Schedulers/Planners	519								
SMSTECH Senior Multi-Skilled Technician (NE)			918						
1.01.02.02 Tank & Assoc Fac Closure - H Tank Farm	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.02.01 Planning & Oversight	779	10,899	20,241	8,823	55,966	34,514	26,642	22,490	0
ENGCO Engineers, Cost					3,460		3,460	3,460	
ESTIM Cost Estimators					3,460		3,460	3,460	
PROJMGR Project Managers	260	3,633	6,747	5,709	21,539	14,792	14,532	10,380	
SCHDR Schedulers/Planners	519	7,266	13,494	3,114	27,507	19,722	5,190	5,190	
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.02.02 Engineering	1,557	10,899	34,254	24,047	126,031	81,657	85,462	66,086	0
ENGCI Engineers, Civil					18,684	4,671	18,684	18,684	
ENGNE Engineers, Nuclear	519	3,633	11,418	8,477	27,940	23,788	14,878	7,958	
ENGPE Engineers, Project	1,038	7,266	22,836	8,650	66,259	43,942	31,832	26,296	
ENGQC Engineers, Quality Control					6,920	13,148	9,256	20,068	13,148

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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.02.03.12 Tank 12	0	0	0	0	195	0	4,000	13,826	7,026
ADMIN General Administrative								1,730	1,038
CARP Carpenters (NE)							400		
ELEC Electricians (NE)							400		
ENGSAF Safety Engineers							400		
FLDER Field Engineers							400	3,114	2,076
INSPE Inspectors							400	6,228	2,076
IWRKS Ironworkers (NE)							400		
LAB Laborers (NE)							400		
LOSA Operations Shift Supervisor							200		
PIPE Pipefitter (NE)							400		
PROJMGR Project Managers					65				
RAD FH-AIRMOT Air Monitoring Technicians (NE)							200		
RAD FH-HYGTEH Industrial Hygiene Technician (NE)								918	
RAD H-RADPRTEC Radiation Protection Technicians (NE)							400	2,754	
SCHDR Schedulers/Planners					130				
SMSTECH Senior Multi-Skilled Technician (NE)								918	
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.02.03.13 Tank 13	0	0	0	0	0	0	0	0	4,000
CARP Carpenters (NE)								400	
ELEC Electricians (NE)								400	
ENGSAF Safety Engineers								400	
FLDER Field Engineers								400	
INSPE Inspectors								400	
IWRKS Ironworkers (NE)								400	
LAB Laborers (NE)								400	
LOSA Operations Shift Supervisor								200	
PIPE Pipefitter (NE)								400	
RAD FH-AIRMOT Air Monitoring Technicians (NE)								200	
RAD H-RADPRTEC Radiation Protection Technicians (NE)								400	

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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.01.02.02.03.16 Tank 16	779	0	4,000	346	0	0	0	0	0
ADMIN General Administrative				346					
CARP Carpenters (NE)			400						
ELEC Electricians (NE)			400						
ENSAF Safety Engineers			400						
FLDER Field Engineers			400						
INSPE Inspectors			400						
IWRKS Ironworkers (NE)			400						
LAB Laborers (NE)			400						
LOSA Operations Shift Supervisor			200						
PIPE Pipefitter (NE)			400						
PROJMGR Project Managers	260								
RAD FH-AIRMOT Air Monitoring Technicians (NE)			200						
RAD H-RADPRTEC Radiation Protection Technicians (NE)			400						
SCHDR Schedulers/Planners	519								
1.02.01 Defense Waste Processing Facility (DWPF)	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.01.01 Planning & Oversight	2,076	8,304	6,228						
A-MGR Area Manager	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
SCHDR Schedulers/Planners	1,557	6,228	6,228	6,228	6,228	6,228	6,228	6,228	4,671
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.01.02 Engineering	3,114	12,456	9,342						
ENGME Engineers, Mechanical	1,557	6,228	6,228	6,228	6,228	6,228	6,228	6,228	4,671
FLDER Field Engineers	1,038	4,152	4,152	4,152	4,152	4,152	4,152	4,152	3,114
SDMGR Senior/Deputy Manager	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.01.03 Operations	53,811	215,244	161,433						
LOSA Operations Shift Supervisor	2,595	10,380	10,380	10,380	10,380	10,380	10,380	10,380	7,785
LOSB Lead Operations Specialist B	22,317	89,268	89,268	89,268	89,268	89,268	89,268	89,268	66,951
MGR Managers	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
MSTECH Multi-Skilled Technician (NE)	9,180	36,720	36,720	36,720	36,720	36,720	36,720	36,720	27,540
OPSENG Ops Engineers (NE)	2,295	9,180	9,180	9,180	9,180	9,180	9,180	9,180	6,885
PROD Production Operator (NE)	7,803	31,212	31,212	31,212	31,212	31,212	31,212	31,212	23,409
PROJMGR Project Managers	7,266	29,064	29,064	29,064	29,064	29,064	29,064	29,064	21,798
RADC Radiological Control (NE)	1,836	7,344	7,344	7,344	7,344	7,344	7,344	7,344	5,508

PART IV-REPRESENTATIONS AND INSTRUCTIONS
 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.01.04 Surveillance and Maintenance	118,347	192,480	144,360						
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	1,836	7,344	7,344	7,344	7,344	7,344	7,344	7,344	5,508
ENELC Engineers, Electrical	2,076	8,304	8,304	8,304	8,304	8,304	8,304	8,304	6,228
ENGME Engineers, Mechanical	2,076	8,304	8,304	8,304	8,304	8,304	8,304	8,304	6,228
FLDER Field Engineers	6,228	24,912	24,912	24,912	24,912	24,912	24,912	24,912	18,684
LAB Laborers (NE)	5,508	22,032	22,032	22,032	22,032	22,032	22,032	22,032	16,524
LOSA Operations Shift Supervisor	8,304	33,216	33,216	33,216	33,216	33,216	33,216	33,216	24,912
MSTECH Multi-Skilled Technician (NE)	3,213	12,852	12,852	12,852	12,852	12,852	12,852	12,852	9,639
OPSENG Ops Engineers (NE)	1,836	7,344	7,344	7,344	7,344	7,344	7,344	7,344	5,508
RAD FH-AIRMOT Air Monitoring Technicians (NE)	4,131	16,524	16,524	16,524	16,524	16,524	16,524	16,524	12,393
RAD H-RADPRTEC Radiation Protection Technicians (NE)	2,754	11,016	11,016	11,016	11,016	11,016	11,016	11,016	8,262
RADCI Radiological Control (NE)	1,836	7,344	7,344	7,344	7,344	7,344	7,344	7,344	5,508
SUP Superintendent	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
SMSTECH Senior Multi-Skilled Technician (NE)	78,030	31,212	31,212	31,212	31,212	31,212	31,212	31,212	23,409
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.01.05 Upgrades & Modifications	3,393	13,572	10,179						
ELEC Electricians (NE)	918	3,672	3,672	3,672	3,672	3,672	3,672	3,672	2,754
ENELC Engineers, Electrical	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
ENGME Engineers, Mechanical	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
MACH Machinists (NE)	918	3,672	3,672	3,672	3,672	3,672	3,672	3,672	2,754
PROJMGR Project Managers	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.03 ARP/MCU	20,955	102,200	102,200	102,200	51,090	0	0	0	0
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	459	1,836	1,836	1,836	1,836	918			
ENGPE Engineers, Project	2,595	10,400	10,400	10,400	5,190				
IWRKS Ironworkers (NE)		14,688	14,688	14,688	7,344				
MSTECH Multi-Skilled Technician (NE)		3,672	3,672	3,672	1,836				
PROD Production Operator (NE)	15,147	60,588	60,588	60,588	30,294				
RAD H-RADPRTEC Radiation Protection Technicians (NE)	1,836	7,344	7,344	7,344	3,672				
USR OPSTR Operations/Technical Training Specialist	918	3,672	3,672	3,672	1,836				

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 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.04 Saltstone Processing Facility									
1.02.04.01 Planning & Oversight	2,535	10,140	7,605						
ADMIN General Administrative	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
A-MGR Area Manager	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	459	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,377
SCHDR Schedulers/Planners	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
SDMGR Senior/Deputy Manager	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.04.01.02 Engineering	1,497	5,988	4,491						
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	519	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,377
ENGCI Engineers, Civil	459	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
ENGME Engineers, Mechanical	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.04.01.03 Operations	9,021	36,084	29,817						
LOSA Operations Shift Supervisor	2,076	8,304	8,304	8,304	8,304	8,304	8,304	8,304	6,228
MSTECH Multi-Skilled Technician (NE)	4,590	18,360	18,360	18,360	18,360	18,360	18,360	18,360	16,524
OPSENG Ops Engineers (NE)	1,836	7,344	7,344	7,344	7,344	7,344	7,344	7,344	5,508
PROJMGR Project Managers	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.04.01.04 Surveillance and Maintenance	3,672	14,688	11,016						
BOIL Boilermakers (NE)	918	3,672	3,672	3,672	3,672	3,672	3,672	3,672	2,754
ELEC Electricians (NE)	918	3,672	3,672	3,672	3,672	3,672	3,672	3,672	2,754
LAB Laborers (NE)	918	3,672	3,672	3,672	3,672	3,672	3,672	3,672	2,754
PIPE Pipefitter (NE)	918	3,672	3,672	3,672	3,672	3,672	3,672	3,672	2,754
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.04.02 Saltstone Disposal Facility	3,912	15,648	11,736						
A-MGR Area Manager	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
ENGPE Engineers, Project	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
LOSA Operations Shift Supervisor	1,038	4,152	4,152	4,152	4,152	4,152	4,152	4,152	3,114
MSTECH Multi-Skilled Technician (NE)	1,836	7,344	7,344	7,344	7,344	7,344	7,344	7,344	5,508

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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.05 Effluent Treatment Facility									
1.02.05.01 Planning & Oversight	1,164	4,656	3,492						
ENGQC Engineers, Quality Control	420	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,260
ENGSAF Safety Engineers	360	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,080
MGR Managers	372	1,488	1,488	1,488	1,488	1,488	1,488	1,488	1,116
RAD FH-HEALTO Site Safety & Health Officer	12	48	48	48	48	48	48	48	36
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.05.02 Engineering	3,873	15,492	11,619						
DESSPEC Design Specialist	1,557	6,228	6,228	6,228	6,228	6,228	6,228	6,228	4,671
ENGPE Engineers, Project	2,076	8,304	8,304	8,304	8,304	8,304	8,304	8,304	6,228
MGR Managers	240	960	960	960	960	960	960	960	720
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.05.03 Operations	19,719	78,876	59,157						
ENGCI Engineers, Civil	120	480	480	480	480	480	480	480	360
ENGME Engineers, Mechanical	3,114	12,456	12,456	12,456	12,456	12,456	12,456	12,456	9,342
FLDER Field Engineers					51,408				
MGR Managers	3,114	12,456	12,456	12,456	12,456	12,456	12,456	12,456	9,342
MSTECH Multi-Skilled Technician (NE)	12,852	51,408	51,408	51,408		51,408	51,408	51,408	38,556
SDMGR Senior/Deputy Manager	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.05.04 Surveillance and Maintenance	4,155	17,256	17,256	16,620	16,620	16,632	16,632	15,984	11,988
MSTECH Multi-Skilled Technician (NE)	1,836	7,344	7,344	7,344	7,344	7,992	7,992	7,344	5,508
OPSENG Ops Engineers (NE)	1,440	5,760	5,760	5,760	5,760	5,760	5,760	5,760	4,320
SUP Superintendent	879	4,152	4,152	3,516	3,516	2,880	2,880	2,880	2,160
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.02.05.05 Upgrade/Modify	780	3,114	2,337						
DESSPEC Design Specialist	260	1,038	1,038	1,038	1,038	1,038	1,038	1,038	779
ENGCI Engineers, Civil	260	1,038	1,038	1,038	1,038	1,038	1,038	1,038	779
PROJMGR Project Managers	260	1,038	1,038	1,038	1,038	1,038	1,038	1,038	779

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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.03.01.01 F Tank Farm Operations									
1.03.01.01.01 Planning & Oversight	17,125	70,577	78,897	80,977	78,897	60,918	79,144	81,224	60,918
ADMIN General Administrative	2,080	8,320	8,320	8,320	8,320	4,160	4,160	4,160	3,120
A-MGR Area Manager	2,080	12,480	14,560	14,560	14,560	14,560	14,560	14,560	10,920
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	2,750	10,998	10,998	10,998	10,998	7,332	7,332	7,332	5,499
PROJMGR Project Managers	2,080	6,240	10,400	10,400	10,400	8,320	8,320	8,320	6,240
RAD FH-ALARAS A.L.A.R.A. Specialist as low as Reasonably Achievable	1,560	6,240	6,240	6,240	6,240	6,240	8,320	8,320	6,240
RAD FH-HYGTEH Industrial Hygiene Technician (NE)	1,375	5,499	5,499	5,499	5,499	3,666	7,332	7,332	5,499
SCHDR Schedulers/Planners	1,560	6,240	6,240	8,320	8,320	4,160	8,320	8,320	6,240
SLADMIN Senior/Lead Administrative	1,560	6,240	8,320	8,320	8,320	8,320	12,480	14,560	10,920
TRA Training Specialist	2,080	8,320	8,320	8,320	6,240	4,160	8,320	8,320	6,240
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.03.01.01.02 Engineering	11,317	47,099	53,339	53,339	53,339	45,266	53,586	55,666	41,750
ADMIN General Administrative	1,560	6,240	6,240	6,240	6,240	6,240	6,240	6,240	4,680
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	917	5,499	5,499	5,499	5,499	3,666	3,666	3,666	2,750
ENECL Engineers, Electrical	2,600	6,240	10,400	10,400	10,400	6,240	8,320	8,320	6,240
ENGCI Engineers, Civil	1,560	6,240	8,320	8,320	8,320	6,240	8,320	10,400	7,800
ENGME Engineers, Mechanical	4,680	22,880	22,880	22,880	22,880	22,880	27,040	27,040	20,280
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.03.01.01.03.01 Waste Receipt	20,261	87,282	98,774	100,854	99,021	78,364	99,021	100,854	75,642
A-MGR Area Manager	2,080	8,320	8,320	10,400	10,400	10,400	12,480	12,480	9,360
BOIL Boilermakers (NE)	1,833	7,332	10,998	10,998	10,998	7,332	10,998	10,998	8,249
IWRKS Ironworkers (NE)	1,833	7,332	7,332	7,332	7,332	5,499	12,831	14,664	10,998
MGR Managers	1,040	8,320	8,320	8,320	8,320	8,320	8,320	8,320	6,240
OPSENG Ops Engineers (NE)	10,082	40,326	40,326	40,326	38,493	31,161	32,994	32,994	24,746
PIPE Pipefitter (NE)	1,833	7,332	10,998	10,998	10,998	7,332	10,998	10,998	8,249
PROJMGR Project Managers	1,560	8,320	12,480	12,480	12,480	8,320	10,400	10,400	7,800
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.03.01.01.03.02 Waste Concentration and Storage	5,226	20,904	24,570	24,570	24,570	19,071	24,570	24,570	18,427
A-MGR Area Manager	1,560	6,240	6,240	6,240	6,240	6,240	6,240	6,240	4,680
BOIL Boilermakers (NE)	3,666	14,664	18,330	18,330	18,330	12,831	12,831	12,831	9,623
OPSENG Ops Engineers (NE)							5,499	5,499	4,124

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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.03.01.01.04 Surveillance and Maintenance	27,469	120,874	135,785	135,785	133,952	106,457	134,446	136,526	102,398
A-MGR Area Manager	2,080	8,320	10,400	10,400	10,400	10,400	14,560	16,640	12,480
BOIL Boilermakers (NE)	5,499	31,161	31,161	31,161	31,161	25,662	25,662	25,662	19,247
ELEC Electricians (NE)	1,375	5,499	7,332	7,332	7,332	5,499	5,499	5,499	4,125
ENGSAF Safety Engineers	1,560	6,240	6,240	6,240	6,240	6,240	6,240	6,240	4,680
IWRKS Ironworkers (NE)	2,291	10,998	12,831	12,831	12,831	7,332	7,332	7,332	5,499
MACH Machinists (NE)	1,375	5,499	7,332	7,332	7,332	5,499	5,499	5,499	4,125
OPSENG Ops Engineers (NE)							12,831	12,831	9,623
PAIN Painters (NE)	2,291	9,165	9,165	9,165	9,165	7,332	7,332	7,332	5,499
PIPE Pipefitter (NE)	1,375	10,998	12,831	12,831	12,831	7,332	7,332	7,332	5,499
RAD FH-AIRMOT Air Monitoring Technicians (NE)	2,291	7,332	9,165	9,165	9,165	7,332	10,998	10,998	8,249
RAD FH-DOSIMT Dosimetry Specialist (NE)	2,291	7,332	7,332	7,332	7,332	7,332	7,332	7,332	5,499
RAD FH-HYGTEH Industrial Hygiene Technician (NE)	1,375	5,499	5,499	5,499	5,499	3,666	7,332	7,332	5,499
RAD H-RADPRTEC Radiation Protection Technicians (NE)	2,291	7,332	9,165	9,165	9,165	7,332	10,998	10,998	8,249
SHTMTL Sheetmetal (NE)	1,375	5,499	7,332	7,332	5,499	5,499	5,499	5,499	4,125
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.03.01.01.05 Upgrade/Modify	1,557	138,892	138,892	138,892	4,160	4,160	4,160	4,160	3,120
A-MGR Area Manager	1,557	8,320	8,320	8,320					
BOIL Boilermakers (NE)		21,996	21,996	21,996					
ENGCI Engineers, Civil		24,960	24,960	24,960					
ENGME Engineers, Mechanical		24,960	24,960	24,960					
IWRKS Ironworkers (NE)		14,664	14,664	14,664					
OPSENG Ops Engineers (NE)		43,992	43,992	43,992					
PROJMGR Project Managers					4,160	4,160	4,160	4,160	3,120
1.03.01.02 H Tank Farm Operations	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.03.01.02.01 Planning & Oversight	24,430	104,208	118,274	118,274	116,441	89,791	120,497	122,577	91,933
ADMIN General Administrative	2,080	8,320	8,320	8,320	8,320	8,320	8,320	8,320	6,240
A-MGR Area Manager	2,080	14,560	14,560	14,560	14,560	14,560	16,640	18,720	14,040
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	1,833	7,332	7,332	7,332	5,499	5,499	5,499	5,499	4,124
MSTECH Multi-Skilled Technician (NE)	2,291	7,332	9,165	9,165	9,165				
PROJMGR Project Managers	2,080	8,320	14,560	14,560	14,560	14,560	24,960	24,960	18,720
RAD FH-ALAR1 A.L.A.R.A. Specialist as low as Reasonably Achievable	2,080	8,320	10,400	10,400	10,400	8,320	12,480	12,480	9,360
RAD FH-HYGTEH Industrial Hygiene Technician (NE)	1,833	7,332	7,332	7,332	7,332	7,332	10,998	10,998	8,249
SCHDR Schedulers/Planners	2,080	8,320	10,400	10,400	10,400	8,320	12,480	12,480	9,360
SLADMIN Senior/Lead Administrative	3,640	18,720	18,720	18,720	18,720	14,560	16,640	16,640	12,480
SMSTECH Senior Multi-Skilled Technician (NE)	1,833	7,332	9,165	9,165	9,165				
TRA Training Specialist	2,600	8,320	8,320	8,320	8,320	8,320	12,480	12,480	9,360

PART IV-REPRESENTATIONS AND INSTRUCTIONS
 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.03.01.02.02 Engineering	26,530	116,584	133,224	135,304	133,224	100,932	134,212	136,292	102,219
ADMIN General Administrative	3,120	14,560	16,640	16,640	14,560	12,480	12,480	12,480	9,360
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	3,666	14,664	14,664	14,664	14,664	7,332	7,332	7,332	5,499
ENEJC Engineers, Electrical	4,152	20,800	24,960	24,960	24,960	20,800	31,200	31,200	23,400
ENGCI Engineers, Civil	4,152	20,800	24,960	27,040	27,040	20,800	31,200	33,280	24,960
ENGME Engineers, Mechanical	11,440	45,760	52,000	52,000	52,000	39,520	52,000	52,000	39,000
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.03.01.02.03.01 Waste Receipt	42,268	178,230	210,626	212,459	208,793	157,326	214,188	216,021	162,017
A-MGR Area Manager	3,120	12,480	18,720	18,720	18,720	14,560	24,960	24,960	18,720
BOIL Boilermakers (NE)	5,499	21,996	21,996	21,996	21,996	18,330	21,996	21,996	16,497
IWRKS Ironworkers (NE)	2,750	10,998	14,664	14,664	14,664	10,998	21,996	23,829	17,872
MGR Managers	6,240	24,960	24,960	24,960	24,960	16,640	24,960	24,960	18,720
OPSENG Ops Engineers (NE)	16,039	73,320	84,318	86,151	82,485	62,322	62,322	62,322	46,742
PIPE Pipefitter (NE)	2,750	10,998	14,664	14,664	14,664	10,998	14,664	14,664	10,998
PROJMGR Project Managers	3,120	12,480	16,640	16,640	16,640	12,480	24,960	24,960	18,720
SHTMTL Sheetmetal (NE)	2,750	10,998	14,664	14,664	14,664	10,998	18,330	18,330	13,748
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.03.01.02.03.02 Waste Concentration and Storage	12,162	54,145	61,477	61,477	59,644	44,980	61,477	61,477	46,109
A-MGR Area Manager	2,080	8,320	8,320	8,320	8,320	8,320	8,320	8,320	6,240
BOIL Boilermakers (NE)	5,499	21,996	23,829	23,829	23,829	18,330	18,330	18,330	13,748
IWRKS Ironworkers (NE)	1,833	10,998	14,664	14,664	12,831	7,332	7,332	7,332	5,499
OPSENG Ops Engineers (NE)							16,497	16,497	12,373
PIPE Pipefitter (NE)	2,750	12,831	14,664	14,664	14,664	10,998	10,998	10,998	8,249
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.03.01.02.03.04 Sludge Waste Feed Preparation	0	0	0	0	0	14,691	0	0	0
ADMIN General Administrative						519			
A-MGR Area Manager						519			
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)						459			
ENEJC Engineers, Electrical						1,038			
ENGCI Engineers, Civil						519			
ENGCO Engineers, Cost						1,038			
ENGME Engineers, Mechanical						2,595			
ENGNE Engineers, Nuclear						3,114			
ENGQC Engineers, Quality Control						1,038			
ENGSAF Safety Engineers						519			
MGR Managers						519			
MSTECH Multi-Skilled Technician (NE)						1,377			
OPSENG Ops Engineers (NE)						459			
RADCI Radiological Control (NE)						459			
SCHDR Schedulers/Planners						519			

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.03.01.02.04 Surveillance and Maintenance	61,852	274,885	309,959	314,119	306,787	229,799	312,286	315,952	236,969
A-MGR Area Manager	6,760	27,040	29,120	29,120	29,120	29,120	29,120	29,120	21,840
BOIL Boilermakers (NE)	10,082	51,324	51,324	51,324	51,324	43,992	47,658	47,658	35,744
ELEC Electricians (NE)	4,583	18,330	25,662	25,662	25,662	14,664	23,829	23,829	17,872
ENGSAF Safety Engineers	4,680	18,720	18,720	22,880	22,880	22,880	22,880	22,880	17,160
IWRKS Ironworkers (NE)	6,416	25,662	25,662	25,662	25,662	21,996	25,662	25,662	19,247
MACH Machinists (NE)	4,583	18,330	25,662	25,662	25,662	10,996	23,829	23,829	17,872
OPSENG Ops Engineers (NE)							27,495	27,495	20,621
PAIN Painters (NE)	2,750	14,664	14,664	14,664	9,165	5,499	7,332	7,332	5,500
PIPE Pipefitter (NE)	7,332	34,827	38,493	38,493	38,493	29,328	32,994	32,994	24,746
RAD FH-AIRMOT Air Monitoring Technicians (NE)	2,750	12,831	14,664	14,664	14,664	10,998	10,998	10,998	8,249
RAD FH-DOSIMT Dosimetry Specialist (NE)	1,375	7,332	7,332	7,332	7,332	7,332	10,998	10,998	8,249
RAD FH-HYGTEH Industrial Hygiene Technician (NE)	4,124	12,831	14,664	14,664	12,831	7,332	10,998	10,998	8,249
RAD H-RADPRTEC Radiation Protection Technicians (NE)	2,750	14,664	18,330	18,330	18,330	14,664	14,664	18,330	13,748
SHTMTL Sheetmetal (NE)	3,667	18,330	25,662	25,662	25,662	10,998	23,829	23,829	17,872
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.03.01.02.05 Upgrade/Modify	7,822	93,912	93,912	93,912	70,439	6,240	6,240	6,240	4,680
A-MGR Area Manager	693	8,320	8,320	8,320	8,320	6,240			
BOIL Boilermakers (NE)	611	7,332	7,332	7,332	5,499				
ELEC Electricians (NE)	611	7,332	7,332	7,332	5,500				
ENGCI Engineers, Civil	1,730	20,800	20,800	20,800	15,600				
ENGME Engineers, Mechanical	1,730	20,800	20,800	20,800	15,600				
OPSENG Ops Engineers (NE)	1,836	21,996	21,996	21,996	16,500				
PIPE Pipefitter (NE)	611	7,332	7,332	7,332	5,500				
PROJMGTR Project Managers						6,240	6,240	6,240	4,680
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.03.02 Glass Waste Storage Facilities	5,262	21,048	15,786						
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	393	1,572	1,572	1,572	1,572	1,572	1,572	1,572	1,179
ENGPE Engineers, Project	444	1,776	1,776	1,776	1,776	1,776	1,776	1,776	1,332
PROJMGTR Project Managers	444	1,776	1,776	1,776	1,776	1,776	1,776	1,776	1,332
RAD H-RADPRTEC Radiation Protection Technicians (NE)	393	1,572	1,572	1,572	1,572	1,572	1,572	1,572	1,179
SCHDR Schedulers/Planners	444	1,776	1,776	1,776	1,776	1,776	1,776	1,776	1,332
SMSTECH Senior Multi-Skilled Technician (NE)	3,144	12,576	12,576	12,576	12,576	12,576	12,576	12,576	9,432

PART IV-REPRESENTATIONS AND INSTRUCTIONS
 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
1.03.04 SWPF Interface and Coordination	3,636	14,560	14,560	14,560	14,560	0	0	0	0
DESSPEC Design Specialist	519	2,080	2,080	2,080	2,080				
ENECLC Engineers, Electrical	260	1,040	1,040	1,040	1,040				
ENGCI Engineers, Civil	260	1,040	1,040	1,040	1,040				
ENGME Engineers, Mechanical	260	1,040	1,040	1,040	1,040				
ENGNE Engineers, Nuclear	260	1,040	1,040	1,040	1,040				
ENGPE Engineers, Project	519	2,080	2,080	2,080	2,080				
ENGQC Engineers, Quality Control	260	1,040	1,040	1,040	1,040				
PROJMGR Project Managers	519	2,080	2,080	2,080	2,080				
SCHDR Schedulers/Planners	260	1,040	1,040	1,040	1,040				
SLADMIN Senior/Lead Administrative	519	2,080	2,080	2,080	2,080				
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
2.01 Waste Determinations	7,794	31,176	23,382						
ENCGE Geologist	1,557	6,228	6,228	6,228	6,228	6,228	6,228	6,228	4,671
ENCGF Hydrogeologist	1,557	6,228	6,228	6,228	6,228	6,228	6,228	6,228	4,671
ENGNE Engineers, Nuclear	1,560	6,240	6,240	6,240	6,240	6,240	6,240	6,240	4,680
ENGQC Engineers, Quality Control	1,560	6,240	6,240	6,240	6,240	6,240	6,240	6,240	4,680
PROJMGR Project Managers	1,560	6,240	6,240	6,240	6,240	6,240	6,240	6,240	4,680
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
2.02 Environ, Safety, & Health and Assurance Services	95,889	383,316	287,487						
A-MGR Area Manager	6,228	24,912	24,912	24,912	24,912	24,912	24,912	24,912	18,684
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	11,316	46,224	46,224	46,224	46,224	46,224	46,224	46,224	34,668
ENCGE Geologist	5,190	20,760	20,760	20,760	20,760	20,760	20,760	20,760	15,570
ENCGF Hydrogeologist	3,633	14,532	14,532	14,532	14,532	14,532	14,532	14,532	10,899
ENGNE Engineers, Nuclear	8,304	33,216	33,216	33,216	33,216	33,216	33,216	33,216	24,912
ENGPE Engineers, Project	5,190	20,760	20,760	20,760	20,760	20,760	20,760	20,760	15,570
ENGQC Engineers, Quality Control	4,152	16,608	16,608	16,608	16,608	16,608	16,608	16,608	12,456
ENGSAF Safety Engineers	2,076	8,304	8,304	8,304	8,304	8,304	8,304	8,304	6,228
ESTIM Cost Estimators	1,038	4,152	4,152	4,152	4,152	4,152	4,152	4,152	3,114
FLDER Field Engineers	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
INSPE Inspectors	8,583	33,132	33,132	33,132	33,132	33,132	33,132	33,132	24,849
LAB Laborers (NE)	1,557	6,228	6,228	6,228	6,228	6,228	6,228	6,228	4,671
LOSA Operations Shift Supervisor	1,557	6,228	6,228	6,228	6,228	6,228	6,228	6,228	4,671
OPSENG Ops Engineers (NE)	2,295	9,180	9,180	9,180	9,180	9,180	9,180	9,180	6,885
RAD FH-ALAR1 A.L.A.R.A. Specialist as low as Reasonably Achievable	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
RAD FH-DOSIMT Dosimetry Specialist (NE)	918	3,672	3,672	3,672	3,672	3,672	3,672	3,672	2,754
RAD FH-HEALTO Site Safety & Health Officer	9,102	36,408	36,408	36,408	36,408	36,408	36,408	36,408	27,306
RAD FH-HYGTEH Industrial Hygiene Technician (NE)	2,076	8,304	8,304	8,304	8,304	8,304	8,304	8,304	6,228
RAD H-RADPRTEC Radiation Protection Technicians (NE)	7,404	29,616	29,616	29,616	29,616	29,616	29,616	29,616	22,212
RADCI Radiological Control (NE)	2,295	9,180	9,180	9,180	9,180	9,180	9,180	9,180	6,885
SUP Superintendent	8,823	35,292	35,292	35,292	35,292	35,292	35,292	35,292	26,469
TRA Training Specialist	3,114	12,456	12,456	12,456	12,456	12,456	12,456	12,456	9,342

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
2.03.01 Configuration management	47,727	190,908	143,181						
ADMIN General Administrative	1,377	5,508	5,508	5,508	5,508	5,508	5,508	5,508	4,131
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	2,754	11,016	11,016	11,016	11,016	11,016	11,016	11,016	8,262
ENGNE Engineers, Nuclear	15,570	62,280	62,280	62,280	62,280	62,280	62,280	62,280	46,710
PROJMGR Project Managers	1,557	6,228	6,228	6,228	6,228	6,228	6,228	6,228	4,671
RAD FH-ALAR1 A.L.A.R.A. Specialist as low as Reasonably Achievable	5,190	20,760	20,760	20,760	20,760	20,760	20,760	20,760	15,570
RAD FH-DOSIMT Dosimetry Specialist (NE)	7,785	31,140	31,140	31,140	31,140	31,140	31,140	31,140	23,355
RAD HEALT Health Physicist	3,114	12,456	12,456	12,456	12,456	12,456	12,456	12,456	9,342
RADCI Radiological Control (NE)	10,380	41,520	41,520	41,520	41,520	41,520	41,520	41,520	31,140
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
2.04.01 Engineering Services	19,722	78,888	59,166						
ADMIN General Administrative	3,114	12,456	12,456	12,456	12,456	12,456	12,456	12,456	9,342
ENEELC Engineers, Electrical	1,038	4,152	4,152	4,152	4,152	4,152	4,152	4,152	3,114
ENGCI Engineers, Civil	1,557	6,228	6,228	6,228	6,228	6,228	6,228	6,228	4,671
ENGCO Engineers, Cost	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
ENGME Engineers, Mechanical	1,557	6,228	6,228	6,228	6,228	6,228	6,228	6,228	4,671
ENGNE Engineers, Nuclear	1,557	6,228	6,228	6,228	6,228	6,228	6,228	6,228	4,671
ENGPE Engineers, Project	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
ENGSAF Safety Engineers	1,557	6,228	6,228	6,228	6,228	6,228	6,228	6,228	4,671
MGR Managers	2,595	10,380	10,380	10,380	10,380	10,380	10,380	10,380	7,785
PROJMGR Project Managers	3,114	12,456	12,456	12,456	12,456	12,456	12,456	12,456	9,342
SCHDR Schedulers/Planners	2,595	10,380	10,380	10,380	10,380	10,380	10,380	10,380	7,785
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
2.04.02 Design and Construction Services	191,034	765,041	765,041	765,041	765,041	765,041	755,141	765,041	573,128
ADMIN General Administrative	2,076	8,320	8,320	8,320	8,320	8,320	8,320	8,320	6,228
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	31,731	127,045	127,045	127,045	127,045	127,045	123,373	127,045	95,189
DESSPEC Design Specialist	10,380	41,596	41,596	41,596	41,596	41,596	41,596	41,596	31,140
ENCGE Geologist	11,418	45,680	45,680	45,680	45,680	45,680	45,680	45,680	34,254
ENCGF Hydrogeologist	11,418	45,680	45,680	45,680	45,680	45,680	45,680	45,680	34,254
ENEELC Engineers, Electrical	11,418	45,760	45,760	45,760	45,760	45,760	45,760	45,760	34,254
ENGCI Engineers, Civil	34,254	137,120	137,120	137,120	137,120	137,120	137,120	137,120	102,762
ENGME Engineers, Mechanical	12,456	49,920	49,920	49,920	49,920	49,920	49,920	49,920	37,368
ENGNE Engineers, Nuclear	519	2,080	2,080	2,080	2,080	2,080	2,080	2,080	1,557
ENGPE Engineers, Project	21,768	87,212	87,212	87,212	87,212	87,212	83,060	87,212	65,322
ENGQC Engineers, Quality Control	6,747	27,040	27,040	27,040	27,040	27,040	27,040	27,040	20,241
ENGSAF Safety Engineers	2,076	8,320	8,320	8,320	8,320	8,320	8,320	8,320	6,228
FLDER Field Engineers	1,557	6,240	6,240	6,240	6,240	6,240	6,240	6,240	4,671
INSPE Inspectors	519	2,080	2,080	2,080	2,080	2,080	2,080	2,080	1,557
MGR Managers	1,038	4,160	4,160	4,160	4,160	4,160	4,160	4,160	3,114
PROJMGR Project Managers	10,380	41,560	41,560	41,560	41,560	41,560	41,560	41,560	31,140
SCHDR Schedulers/Planners	7,266	29,116	29,116	29,116	29,116	29,116	29,116	29,116	21,810
SDMGR Senior/Deputy Manager	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
SLADMIN Senior/Lead Administrative	11,418	45,716	45,716	45,716	45,716	45,716	43,640	45,716	34,254
SUP Superintendent	1,557	6,240	6,240	6,240	6,240	6,240	6,240	6,240	4,671
TRA Training Specialist	519	2,080	2,080	2,080	2,080	2,080	2,080	2,080	1,557

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
2.05 Operations Support	79,185	213,850	229,387						
Surveillance									
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	918	3,666	3,666	3,666	3,666	3,666	3,666	3,666	2,754
ENCGE Geologist	519	2,080	2,080	2,080	2,080	2,080	2,080	2,080	1,557
ENGCI Engineers, Civil	1,557	6,240	6,240	6,240	6,240	6,240	6,240	6,240	4,671
ENGME Engineers, Mechanical	779	3,120	3,120	3,120	3,120	3,120	3,120	3,120	2,336
ENGPE Engineers, Project	519	2,080	2,080	2,080	2,080	2,080	2,080	2,080	1,557
FLDER Field Engineers	519	2,080	2,080	2,080	2,080	2,080	2,080	2,080	1,557
PROJMGR Project Managers	519	2,080	2,080	2,080	2,080	2,080	2,080	2,080	1,557
SLADMIN Senior/Lead Administrative	519	2,080	2,080	2,080	2,080	2,080	2,080	2,080	1,557
TRA Training Specialist	519	2,080	2,080	2,080	2,080	2,080	2,080	2,080	1,557
Maintenance & Repair									
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	8,641	3,913	3,913	3,913	3,913	3,913	3,913	3,913	25,922
ENGME Engineers, Mechanical	1,557	6,240	6,240	6,240	6,240	6,240	6,240	6,240	4,671
FLDER Field Engineers	16,364	4,160	4,160	4,160	4,160	4,160	4,160	4,160	49,091
PROJMGR Project Managers	519	2,080	2,080	2,080	2,080	2,080	2,080	2,080	1,557
Upgrade									
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	459	1,833	1,833	1,833	1,833	1,833	1,833	1,833	1,377
ENGCI Engineers, Civil	1,038	4,160	4,160	4,160	4,160	4,160	4,160	4,160	3,114
ENGME Engineers, Mechanical	1,038	4,160	4,160	4,160	4,160	4,160	4,160	4,160	3,114
PROJMGR Project Managers	519	2,080	2,080	2,080	2,080	2,080	2,080	2,080	1,557
Site M&O Coordination									
ADMIN General Administrative	10,400	41,600	41,600	41,600	41,600	41,600	41,600	41,600	31,140
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	5,016	16,497	16,497	16,497	16,497	16,497	16,497	16,497	12,393
ENGPE Engineers, Project	6,240	24,960	24,960	24,960	24,960	24,960	24,960	24,960	18,684
MGR Managers	5,720	22,880	22,880	22,880	22,880	22,880	22,880	22,880	17,127
OPSENG Ops Engineers (NE)	240	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,013
PROJMGR Project Managers	2,340	9,360	9,360	9,360	9,360	9,360	9,360	9,360	7,007
SCHDR Schedulers/Planners	1,040	4,160	4,160	4,160	4,160	4,160	4,160	4,160	3,114
SLADMIN Senior/Lead Administrative	5,200	20,800	20,800	20,800	20,800	20,800	20,800	20,800	15,570
SMSTECH Senior Multi-Skilled Technician (NE)	1,350	1,833	1,833	1,833	1,833	1,833	1,833	1,833	1,377
SUP Superintendent	1,500	2,080	2,080	2,080	2,080	2,080	2,080	2,080	1,557
TRA Training Specialist	2,080	8,320	8,320	8,320	8,320	8,320	8,320	8,320	6,228
Transportation									
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
FLDER Field Engineers	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
MGR Managers	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557

PART IV-REPRESENTATIONS AND INSTRUCTIONS
 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
2.06 Planning, Administrative & Business Services	151,572	606,344	454,716						
Planning									
A-MGR Area Manager	2,076	8,304	8,304	8,304	8,304	8,304	8,304	8,304	6,228
PROJMGR Project Managers	3,114	12,456	12,456	12,456	12,456	12,456	12,456	12,456	9,342
SCHDR Schedulers/Planners	20,241	80,964	80,964	80,964	80,964	80,964	80,964	80,964	60,723
Procurement									
A-MGR Area Manager	2,076	8,304	8,304	8,304	8,304	8,304	8,304	8,304	6,228
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	2,754	11,016	11,016	11,016	11,016	11,016	11,016	11,016	8,262
LOSB Lead Operations Specialist B	3,633	14,532	14,532	14,532	14,532	14,532	14,532	14,532	10,899
PIPE Pipefitter (NE)	9,639	38,556	38,556	38,556	38,556	38,556	38,556	38,556	28,917
PROJMGR Project Managers	3,114	12,456	12,456	12,456	12,456	12,456	12,456	12,456	9,342
Accounting Budgeting and Financial management									
ADMIN General Administrative	10,899	43,596	43,596	43,596	43,596	43,596	43,596	43,596	32,697
A-MGR Area Manager	2,595	10,380	10,380	10,380	10,380	10,380	10,380	10,380	7,785
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	6,546	26,184	26,184	26,184	26,184	26,184	26,184	26,184	19,638
LOSB Lead Operations Specialist B	4,152	16,608	16,608	16,608	16,608	16,608	16,608	16,608	12,456
PROJMGR Project Managers	6,228	24,912	24,912	24,912	24,912	24,912	24,912	24,912	18,684
SCHDR Schedulers/Planners	3,633	14,532	14,532	14,532	14,532	14,532	14,532	14,532	10,899
Personnel Administration and labor relations									
ADMIN General Administrative	2,076	8,304	8,304	8,304	8,304	8,304	8,304	8,304	6,228
A-MGR Area Manager	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	3,213	12,852	12,852	12,852	12,852	12,852	12,852	12,852	9,639
PROJMGR Project Managers	4,671	18,684	18,684	18,684	18,684	18,684	18,684	18,684	14,013
SLADMIN Senior/Lead Administrative	1,557	6,228	6,228	6,228	6,228	6,228	6,228	6,228	4,671
SMSTECH Senior Multi-Skilled Technician (NE)	1,836	7,344	7,344	7,344	7,344	7,344	7,344	7,344	5,508
Information resources mgmt, development and opns									
A-MGR Area Manager	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	918	3,672	3,672	3,672	3,672	3,672	3,672	3,672	2,754
PROJMGR Project Managers	1,038	4,152	4,152	4,152	4,152	4,152	4,152	4,152	3,114
SMSTECH Senior Multi-Skilled Technician (NE)	1,836	7,344	7,344	7,344	7,344	7,344	7,344	7,344	5,508
Property Management									
ADMIN General Administrative	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	2,295	9,180	9,180	9,180	9,180	9,180	9,180	9,180	6,885
LOSB Lead Operations Specialist B	4,152	16,608	16,608	16,608	16,608	16,608	16,608	16,608	12,456
PROJMGR Project Managers	1,557	6,228	6,228	6,228	6,228	6,228	6,228	6,228	4,671
SMSTECH Senior Multi-Skilled Technician (NE)	459	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,377
SUP Superintendent	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
Legal Counsel									
A-MGR Area Manager	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	918	3,672	3,672	3,672	3,672	3,672	3,672	3,672	2,754
PROJMGR Project Managers	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
SMSTECH Senior Multi-Skilled Technician (NE)	918	3,672	3,672	3,672	3,672	3,672	3,672	3,672	2,754
SUP Superintendent	1,038	4,152	4,152	4,152	4,152	4,152	4,152	4,152	3,114

PART IV-REPRESENTATIONS AND INSTRUCTIONS
 SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Administrative Services									
ADMIN General Administrative	2,595	10,380	10,380	10,380	10,380	10,380	10,380	10,380	7,785
A-MGR Area Manager	4,152	16,608	16,608	16,608	16,608	16,608	16,608	16,608	12,456
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	2,754	11,016	11,016	11,016	11,016	11,016	11,016	11,016	8,262
LOSB Lead Operations Specialist B	519	2,076	2,076	2,076	2,076	2,076	2,076	2,076	1,557
MGR Managers	1,032	4,128	4,128	4,128	4,128	4,128	4,128	4,128	3,096
PROJMGR Project Managers	2,076	8,304	8,304	8,304	8,304	8,304	8,304	8,304	6,228
SLADMIN Senior/Lead Administrative	1,557	6,228	6,228	6,228	6,228	6,228	6,228	6,228	4,671
SMSTECH Senior Multi-Skilled Technician (NE)	918	3,672	3,672	3,672	3,672	3,672	3,672	3,672	2,754
Public Affairs									
A-MGR Area Manager	1,557	6,228	6,228	6,228	6,228	6,228	6,228	6,228	4,671
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	4,191	16,764	16,764	16,764	16,764	16,764	16,764	16,764	12,573
LOSB Lead Operations Specialist B	2,595	10,380	10,380	10,380	10,380	10,380	10,380	10,380	7,785
PROJMGR Project Managers	4,671	18,684	18,684	18,684	18,684	18,684	18,684	18,684	14,013
Personnel administration and labor relations									
ADMIN General Administrative	1,557	6,240	6,240	6,240	6,240	6,240	6,240	6,240	4,671
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	1,836	7,332	7,332	7,332	7,332	7,332	7,332	7,332	5,508
ENGPE Engineers, Project	1,557	6,240	6,240	6,240	6,240	6,240	6,240	6,240	4,671
ENGQC Engineers, Quality Control	1,038	4,160	4,160	4,160	4,160	4,160	4,160	4,160	3,114
ESTIM Cost Estimators	519	2,080	2,080	2,080	2,080	2,080	2,080	2,080	1,557
PROJMGR Project Managers	1,557	6,240	6,240	6,240	6,240	6,240	6,240	6,240	4,671
SCHDR Schedulers/Planners	519	2,080	2,080	2,080	2,080	2,080	2,080	2,080	1,557
SDMGR Senior/Deputy Manager	1,038	4,160	4,160	4,160	4,160	4,160	4,160	4,160	3,114
SLADMIN Senior/Lead Administrative	1,038	4,160	4,160	4,160	4,160	4,160	4,160	4,160	3,114
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
2.07 Analytical Laboratory Support	19,860	79,440	85,512	85,512	85,428	85,512	85,512	85,512	64,134
A-MGR Area Manager	2,595	10,380	10,380	10,380	10,380	10,380	10,380	10,380	7,785
CLTYP Clerks, Typists, Bookkeepers & Receptionist (NE)	6,885	27,540	12,852	12,852	12,768	12,852	12,852	12,852	9,639
LOSB Lead Operations Specialist B	5,190	20,760	41,520	41,520	41,520	41,520	41,520	41,520	31,140
PROJMGR Project Managers	2,595	10,380	10,380	10,380	10,380	10,380	10,380	10,380	7,785
SLADMIN Senior/Lead Administrative	2,595	10,380	10,380	10,380	10,380	10,380	10,380	10,380	7,785

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Specified Materials	Equipment	Subcontract	Allowance	Details
08.1.01.01.01.03.05 Tank 5	675,000	0	0	0	Oxalic Acid, 200 KGA, \$675k
08.1.01.01.01.03.06 Tank 6	262,500	28,750	0	0	Material - Inhibited Water, 160 KGA, \$40k; Protective Clothing \$53,750, Oxalic Acid, 100 KGA, \$168,750. Equipment - H&V Skid, \$28,750.
08.1.01.01.01.03.18 Tank 18	1,047,500	115,000	0	0	Material - Inhibited Water, 315 KGA, \$157,500; Protective Clothing, \$215k; Oxalic Acid, 200 KGA, \$675k. Equipment - H&V Skid, \$115k.
09.1.01.01.01.03.04 Tank 4	968,750	115,000	0	0	Material - Inhibited Water, 315 KGA, \$78.5k; Protective Clothing, \$215k; Oxalic Acid, 200 KGA, \$675k. Equipment - H&V Skid, \$115k.
10.1.01.01.01.03.03 Tank 3	1,270,000	0	0	0	Material - New pipe, \$500k; Monitoring Equipment, \$500k; Jumpers, \$170k; Allowance for new equipment, \$100k.
10.1.01.01.01.03.08 Tank 8	968,750	115,000	0	0	Material - Inhibited Water, 315 KGA, \$78.5k; Protective Clothing, \$215k; Oxalic Acid, 200 KGA, \$675k. Equipment - H&V Skid, \$115k.
11.1.01.01.01.03.03 Tank 3	1,100,000	0	0	0	Material - New pipe, \$500k; Monitoring Equipment, \$500k; Allowance for new equipment, \$100k.
12.1.01.01.01.03.02 Tank 2	1,294,050	77,050	0	0	Material - New pipe, \$500k; Monitoring Equipment, \$500k; Allowance for new equipment, \$100k; Protective clothing, \$144,050; Inhibited Water, 200 KGA, \$50k. Equipment - H&V Skid, \$77,050.
12.1.01.01.01.03.03 Tank 3	1,168,750	86,250	0	0	Material - Inhibited Water, 240 KGA, \$60k; Protective Clothing, \$161,250; Oxalic Acid, 100 KGA, \$337.5k; Monitoring equipment, \$500k, New pipe, \$10k. Equipment - H&V Skid, \$86,250.
13.1.01.01.01.03.01 Tank 1	303,750	115,000	0	0	Material - Inhibited Water, 315 KGA, \$78,750; Protective Clothing, \$215k; Sampling allowance, \$10k. Equipment - H&V Skid, \$115k.
13.1.01.01.01.03.02 Tank 2	784,700	37,950	0	0	Material - Inhibited Water, 115 KGA, \$28,750; Protective Clothing, \$70,950; Oxalic Acid, 200 KGA, \$675k; Sampling allowance, \$10k. Equipment - H&V Skid, \$37,950k.
13.1.01.01.01.03.03 Tank 3	337,500	0	0	0	Material - Oxalic Acid, 100 KGA, \$337.5k.
14.1.01.01.01.03.01 Tank 1	675,000	0	0	0	Material - Oxalic Acid, 200 KGA, \$675k.
14.1.01.01.01.03.07 Tank 7	968,750	115,000	0	0	Material - Inhibited Water, 315 KGA, \$78,750; Protective Clothing, \$215k; Oxalic Acid, 200 KGA, \$675k. Equipment - H&V Skid, \$115k.
08.1.01.01.02.03.50 Tank 50	10,000	0	0	0	Material - Sampling Equipment \$10k.
09.1.01.01.02.03.12 Tank 12	258,000	182,500	0	0	Material - Inhibited Water, 500 KGA, \$250k; Protective Clothing, \$8k. Equipment - H&V Skid, \$182.5k.
09.1.01.01.02.03.23 Tank 23	10,000	0	0	0	Material - Sampling Equipment \$10k.
09.1.01.01.02.03.24 Tank 24	10,000	0	0	0	Material - Sampling Equipment \$10k.
09.1.01.01.02.03.41 Tank 41	1,355,000	0	0	0	Material - Monitoring Equipment, \$250k, New Pipe, \$250k, Transfer and Dissolution Pumps, 2ea, \$800k; Inhibited Water, 180 KGA, \$45k; Sampling Equipment \$10k.
09.1.01.01.02.03.50 Tank 50	10,000	0	0	0	Material - Sampling Equipment \$10k.
10.1.01.01.02.03.41 Tank 41	1,770,000	0	0	0	Material - New materials and chemicals, \$1M; Monitoring equipment, \$500k; Jumpers, \$170k; Allowance for new equipment, \$100k.
10.1.01.01.02.03.50 Tank 50	10,000	0	0	0	Material - Sampling Equipment \$10k.
11.1.01.01.02.03.13 Tank 13	510,000	0	0	0	Material - New pipe, \$250k; Monitoring equipment, \$250k; Sampling equipment, \$10k.
11.1.01.01.02.03.23 Tank 23	510,000	0	0	0	Material - New pipe, \$250k; Monitoring equipment, \$250k; Sampling equipment, \$10k.
11.1.01.01.02.03.41 Tank 41	1,270,000	0	0	0	Material - New pipe, \$500k; Monitoring Equipment, \$500k; Jumpers, \$170k; Allowance for new equipment, \$100k.
11.1.01.01.02.03.48 Tank 48	260,000	0	0	0	Material - New pipe, \$250k; Sampling equipment, \$10k.
11.1.01.01.02.03.50 Tank 50	10,000	0	0	0	Material - Sampling Equipment \$10k.

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Specified Materials	Equipment	Subcontract	Allowance	Details
12.1.01.01.02.03.12 Tank 12	1,342,500	0	0	0	Material - New pipe, \$500k; Monitoring Equipment, \$500k; Jumpers, \$170k; Allowance for new equipment, \$100k; Inhibited water, 75 KGA, \$18,750; Protective Clothing, \$53,750.
12.1.01.01.02.03.23 Tank 23	510,000	0	0	0	Material - New pipe, \$250k; Monitoring equipment, \$250k; Sampling equipment, \$10k.
12.1.01.01.02.03.41 Tank 41	1,270,000	0	0	0	Material - New pipe, \$500k; Monitoring Equipment, \$500k; Jumpers, \$170k; Allowance for new equipment, \$100k.
12.1.01.01.02.03.48 Tank 48	10,000	0	0	0	Material - Sampling Equipment \$10k.
13.1.01.01.02.03.10 Tank 10	10,000	0	0	0	Material - Sampling Equipment \$10k.
13.1.01.01.02.03.12 Tank 12	558,750	86,250	0	0	Material - Inhibited Water, 240 KGA, \$60k; Protective Clothing, \$161,250; Oxalic Acid, 100 KGA, \$337.5k. Equipment - H&V Skid, \$86,250k.
13.1.01.01.02.03.23 Tank 23	10,000	0	0	0	Material - Sampling Equipment \$10k.
13.1.01.01.02.03.24 Tank 24	10,000	0	0	0	Material - Sampling Equipment \$10k.
13.1.01.01.02.03.35 Tank 35	10,000	0	0	0	Material - Sampling Equipment \$10k.
13.1.01.01.02.03.42 Tank 42	1,270,000	0	0	0	Material - New pipe, \$500k; Monitoring Equipment, \$500k; Jumpers, \$170k; Allowance for new equipment, \$100k.
13.1.01.01.02.03.48 Tank 48	170,000	0	0	0	Material - New pipe, \$150k; Sampling Equipment, \$20k.
13.1.01.01.02.03.50 Tank 50	10,000	0	0	0	Material - Sampling Equipment \$10k.
14.1.01.01.02.03.09 Tank 9	10,000	0	0	0	Material - Sampling Equipment \$10k.
14.1.01.01.02.03.12 Tank 12	337,500	0	0	0	Material - Oxalic Acid, 100 KGA, \$337.5k.
14.1.01.01.02.03.24 Tank 24	10,000	0	0	0	Material - Sampling Equipment \$10k.
14.1.01.01.02.03.35 Tank 35	10,000	0	0	0	Material - Sampling Equipment \$10k.
14.1.01.01.02.03.42 Tank 42	1,270,000	0	0	0	Material - New pipe, \$500k; Monitoring Equipment, \$500k; Jumpers, \$170k; Allowance for new equipment, \$100k.
14.1.01.01.02.03.48 Tank 48	270,000	0	0	0	Material - New Pipe, \$250k; Sampling Equipment, \$20k.
14.1.01.01.02.03.50 Tank 50	10,000	0	0	0	Material - Sampling Equipment \$10k.
15.1.01.01.02.03.09 Tank 9	10,000	0	0	0	Material - Sampling Equipment \$10k.
15.1.01.01.02.03.13 Tank 13	293,750	115,000	0	0	Material - Inhibited Water, 315 KGA, \$78,750; Protective Clothing, \$215k. Equipment - H&V Skid, \$115k.
15.1.01.01.02.03.42 Tank 42	1,100,000	0	0	0	Material - Allowance for new Equipment, \$100k; Monitoring Equipment, \$500k; Allowance for New Materials and Chemicals, \$500k.
15.1.01.01.02.03.48 Tank 48	270,000	0	0	0	Material - New Pipe, \$250k; Sampling Equipment, \$20k.
15.1.01.01.02.03.50 Tank 50	10,000	0	0	0	Material - Sampling Equipment \$10k.
16.1.01.01.02.03.09 Tank 9	10,000	0	0	0	Material - Sampling Equipment \$10k.
16.1.01.01.02.03.13 Tank 13	675,000	0	0	0	Material - Oxalic Acid, 200 KGA, \$675k.
16.1.01.01.02.03.21 Tank 21	10,000	0	0	0	Material - Sampling Equipment \$10k.
16.1.01.01.02.03.39 Tank 39	10,000	0	0	0	Material - Sampling Equipment \$10k.
16.1.01.01.02.03.42 Tank 42	1,270,000	0	0	0	Material - Jumpers, \$170k; Allowance for new Equipment, \$100k; Monitoring Equipment \$500k; Allowance for New Materials and Chemicals, \$500k.
16.1.01.01.02.03.48 Tank 48	270,000	0	0	0	Material - New Pipe, \$250k; Sampling Equipment, \$20k.
16.1.01.01.02.03.50 Tank 50	10,000	0	0	0	Material - Sampling Equipment \$10k.
10.1.01.02.01.03.05 Tank 5	0	0	3,550,000	0	Sub - Grouting subcontract, includes pre-closure and post-closure costs, \$3.5M.
10.1.01.02.01.03.06 Tank 6	0	0	3,550,000	0	Sub - Grouting subcontract, includes pre-closure and post-closure costs, \$3.5M.
10.1.01.02.01.03.18 Tank 18	0	0	3,550,000	0	Sub - Grouting subcontract, includes pre-closure and post-closure costs, \$3.5M.
10.1.01.02.01.03.19 Tank 19	0	0	3,550,000	0	Sub - Grouting subcontract, includes pre-closure and post-closure costs, \$3.5M.
11.1.01.02.01.03.04 Tank 4	0	0	3,550,000	0	Sub - Grouting subcontract, includes pre-closure and post-closure costs, \$3.5M.

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Specified Materials	Equipment	Subcontract	Allowance	Details
12.1.01.02.01.03.08 Tank 8	0	0	3,550,000	0	Sub - Grouting subcontract, includes pre-closure and post-closure costs, \$3.5M.
14.1.01.02.01.03.03 Tank 3	0	0	1,775,000	0	Sub - Grouting subcontract, includes pre-closure and post-closure costs, \$1,775k.
15.1.01.02.01.03.01 Tank 1	0	0	1,775,000	0	Sub - Grouting subcontract, includes pre-closure and post-closure costs, \$1,775k.
15.1.01.02.01.03.02 Tank 2	0	0	3,550,000	0	Sub - Grouting subcontract, includes pre-closure and post-closure costs, \$3.5M.
15.1.01.02.01.03.03 Tank 3	0	0	1,775,000	0	Sub - Grouting subcontract, includes pre-closure and post-closure costs, \$1,775k.
16.1.01.02.01.03.01 Tank 1	0	0	1,775,000	0	Sub - Grouting subcontract, includes pre-closure and post-closure costs, \$1,775k.
16.1.01.02.01.03.07 Tank 7	0	0	2,840,000	0	Sub - Grouting subcontract, includes pre-closure and post-closure costs, \$2,840k.
15.1.01.02.02.03.12 Tank 12	0	0	3,550,000	0	Sub - Grouting subcontract, includes pre-closure and post-closure costs, \$3.5M.
08.1.02.01.02 Engineering	0	0	80,000	400,000	Sub - Project Integration Technology Allocation, \$80k. Allowance - ADP hardware, office supplies, ADP software, \$200k; Subcontract engineering, software to support operations, vendor supplied software maintenance, \$200k.
08.1.02.01.03 Operations (excl PuVit)	873,500	0	163,250	0	Sub - Fire, Safety, Technical, \$163,250. Material - Chemicals, \$152,500; Cannisters, 47 each, \$258,500; Information related hardware and software costs, \$20k; Glass Frit 420, \$431,250; miscellaneous, \$11,250.
08.1.02.01.04 Surveillance and Maintenance	371,250	543,365	66,000	0	Equipment - Surveillance equipment purchase including operating material, ADP hardware, software, travel and misc equip, \$368,740; maintenance miscellaneous equipment including operating material, ADP hardware, software, travel and miscellaneous equipment, \$174,625. Subcontracts - miscellaneous maintenance subcontracts, \$66k. Materials - Miscellaneous maintenance materials including operating material, equipment, office supplies, misc furniture and fixtures, \$191,000; maintenance material costs, \$175k; mechanical maintenance materials, \$5,250.
08.1.02.01.05 Upgrades & Modifications	5,200,000	0	0	25,000,000	Allowance - Purchase melter, \$25M is considered total project costs including labor, amterial, and equipment. Materials - Melter storage box, 2 each, \$2.7M; Melter Vault, 1 each, \$2.5M.
09.1.02.01.02 Engineering	0	0	80,000	400,000	Sub - Project Integration Technology Allocation, \$80k. Allowance - ADP hardware, software, office supplies, \$200k; Subcontract Engineering software to support operations, vendor supplied software maintenance, \$200k.
09.1.02.01.03 Operations	1,638,000	0	163,250	0	Materials - Facility operation chemicals, acids and related chemicals, \$152.5k; Operating materials, \$1,250; Testing Equipment, \$2,500; Related hardware and software costs, \$20k; Cannisters, 186 ea, \$1,023k; Radcon safety equipment, \$7.5k, Glass Frit 420, \$431,250. Sub - Fire and Safety Inspections, \$163,250.
09.1.02.01.04 Surveillance and Maintenance	1,485,000	2,173,500	264,000	0	Equipment - Surveillance equipment including operating material, ADP hardware, software, office supplies, miscellaneous furniture, fixtures and equipment, \$2,173.5k; Material - Operating material, equipment, office supplies, misc furniture and fixtures, \$1,485k. Sub - Mechanical maintenance, E&I maintenance, equipment, and materials, \$264k.

PART IV-REPRESENTATIONS AND INSTRUCTIONS
SECTION L - ATTACHMENT E.1 - Direct Cost by WBS, by FY

Description	Specified Materials	Equipment	Subcontract	Allowance	Details
10.1.02.01.02 Engineering	0	0	80,000	400,000	Sub - Project Integration Technology Allocation, \$80k. Allowance - ADP hardware, software, office supplies, \$200k; Subcontract Engineering software to support operations, vendor supplied software maintenance, \$200k.
10.1.02.01.03 Operations	1,638,000	0	163,250	0	Materials - Facility operation chemicals, acids and related chemicals, \$152.5k; Operating materials, \$1,250; Testing Equipment, \$2,500; Related hardware and software costs, \$20k; Cannisters, 186 ea, \$1,023k; Radcon safety equipment, \$7.5k, Glass Frit 420, \$431,250. Sub - Fire and Safety Inspections, \$163,250.
10.1.02.01.04 Surveillance and Maintenance	1,485,000	2,173,500	264,000	0	Equipment - Surveillance equipment including operating material, ADP hardware, software, office supplies, miscellaneous furniture, fixtures and equipment, \$2,173.5k; Material - Operating material, equipment, office supplies, misc furniture and fixtures, \$1,485k. Sub - Mechanical maintenance, E&I maintenance, equipment, and materials, \$264k.
11.1.02.01.02 Engineering	0	0	80,000	400,000	Sub - Project Integration Technology Allocation, \$80k. Allowance - ADP hardware, software, office supplies, \$200k; Subcontract Engineering software to support operations, vendor supplied software maintenance, \$200k.
11.1.02.01.03 Operations	1,638,000	0	163,250	0	Materials - Facility operation chemicals, acids and related chemicals, \$152.5k; Operating materials, \$1,250; Testing Equipment, \$2,500; Related hardware and software costs, \$20k; Cannisters, 186 ea, \$1,023k; Radcon safety equipment, \$7.5k, Glass Frit 420, \$431,250. Sub - Fire and Safety Inspections, \$163,250.
11.1.02.01.04 Surveillance and Maintenance	1,485,000	2,173,500	264,000	0	Equipment - Surveillance equipment including operating material, ADP hardware, software, office supplies, miscellaneous furniture, fixtures and equipment, \$2,173.5k; Material - Operating material, equipment, office supplies, misc furniture and fixtures, \$1,485k. Sub - Mechanical maintenance, E&I maintenance, equipment, and materials, \$264k.
11.1.02.01.05 Upgrades & Modifications	3,850,000	0	0	25,000,000	Allowance - Purchase melter, \$25M is considered total project costs including labor, amaterial, and equipment. Materials - Melter storage box, 2 each, \$2.7M; Melter Vault, 1 each, \$2.5M.
12.1.02.01.02 Engineering	0	0	80,000	400,000	Sub - Project Integration Technology Allocation, \$80k. Allowance - ADP hardware, software, office supplies, \$200k; Subcontract Engineering software to support operations, vendor supplied software maintenance, \$200k.
12.1.02.01.03 Operations	1,638,000	0	163,250	0	Materials - Facility operation chemicals, acids and related chemicals, \$152.5k; Operating materials, \$1,250; Testing Equipment, \$2,500; Related hardware and software costs, \$20k; Cannisters, 186 ea, \$1,023k; Radcon safety equipment, \$7.5k, Glass Frit 420, \$431,250. Sub - Fire and Safety Inspections, \$163,250.
12.1.02.01.04 Surveillance and Maintenance	1,485,000	2,173,500	264,000	0	Equipment - Surveillance equipment including operating material, ADP hardware, software, office supplies, miscellaneous furniture, fixtures and equipment, \$2,173.5k; Material - Operating material, equipment, office supplies, misc furniture and fixtures, \$1,485k. Sub - Mechanical maintenance, E&I maintenance, equipment, and materials, \$264k.
13.1.02.01.02 Engineering	0	0	80,000	400,000	Sub - Project Integration Technology Allocation, \$80k. Allowance - ADP hardware, software, office supplies, \$200k; Subcontract Engineering software to support operations, vendor supplied software maintenance, \$200k.

PART IV-REPRESENTATIONS AND INSTRUCTIONS
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Description	Specified Materials	Equipment	Subcontract	Allowance	Details
13.1.02.01.03 Operations	1,638,000	0	163,250	0	Materials - Facility operation chemicals, acids and related chemicals, \$152.5k; Operating materials, \$1,250; Testing Equipment, \$2,500; Related hardware and software costs, \$20k; Cannisters, 186 ea, \$1,023k; Radcon safety equipment, \$7.5k, Glass Frit 420, \$431,250. Sub - Fire and Safety Inspections, \$163,250.
13.1.02.01.04 Surveillance and Maintenance	1,485,000	2,173,500	264,000	0	Equipment - Surveillance equipment including operating material, ADP hardware, software, office supplies, miscellaneous furniture, fixtures and equipment, \$2,173.5k; Material - Operating material, equipment, office supplies, misc furniture anf fixtures, \$1,485k. Sub - Mechanical maintenance, E&I maintenance, equipment, and materials, \$264k.
14.1.02.01.02 Engineering	0	0	80,000	400,000	Sub - Project Integration Technology Allocation, \$80k. Allowance - ADP hardware, software, office supplies, \$200k; Subcontract Engineering software to support operations, vendor supplied software maintenance, \$200k.
14.1.02.01.03 Operations	1,638,000	0	163,250	0	Materials - Facility operation chemicals, acids and related chemicals, \$152.5k; Operating materials, \$1,250; Testing Equipment, \$2,500; Related hardware and software costs, \$20k; Cannisters, 186 ea, \$1,023k; Radcon safety equipment, \$7.5k, Glass Frit 420, \$431,250. Sub - Fire and Safety Inspections, \$163,250.
14.1.02.01.04 Surveillance and Maintenance	1,485,000	2,173,500	264,000	0	Equipment - Surveillance equipment including operating material, ADP hardware, software, office supplies, miscellaneous furniture, fixtures and equipment, \$2,173.5k; Material - Operating material, equipment, office supplies, misc furniture anf fixtures, \$1,485k. Sub - Mechanical maintenance, E&I maintenance, equipment, and materials, \$264k.
15.1.02.01.02 Engineering	0	0	80,000	400,000	Sub - Project Integration Technology Allocation, \$80k. Allowance - ADP hardware, software, office supplies, \$200k; Subcontract Engineering software to support operations, vendor supplied software maintenance, \$200k.
15.1.02.01.03 Operations	1,638,000	0	163,250	0	Materials - Facility operation chemicals, acids and related chemicals, \$152.5k; Operating materials, \$1,250; Testing Equipment, \$2,500; Related hardware and software costs, \$20k; Cannisters, 186 ea, \$1,023k; Radcon safety equipment, \$7.5k, Glass Frit 420, \$431,250. Sub - Fire and Safety Inspections, \$163,250.
15.1.02.01.04 Surveillance and Maintenance	1,485,000	2,173,500	264,000	0	Equipment - Surveillance equipment including operating material, ADP hardware, software, office supplies, miscellaneous furniture, fixtures and equipment, \$2,173.5k; Material - Operating material, equipment, office supplies, misc furniture anf fixtures, \$1,485k. Sub - Mechanical maintenance, E&I maintenance, equipment, and materials, \$264k.
15.1.02.01.05 Upgrades & Modifications	3,850,000	0	0	25,000,000	Allowance - Purchase melter, \$25M is considered total project costs including labor, amterial, and equipment. Materials - Melter storage box, 2 each, \$2.7M; Melter Vault, 1 each, \$2.5M.
16.1.02.01.02 Engineering	0	0	80,000	400,000	Sub - Project Integration Technology Allocation, \$80k. Allowance - ADP hardware, software, office supplies, \$200k; Subcontract Engineering software to support operations, vendor supplied software maintenance, \$200k.

PART IV-REPRESENTATIONS AND INSTRUCTIONS
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Description	Specified Materials	Equipment	Subcontract	Allowance	Details
16.1.02.01.03 Operations	1,379,500	0	163,250	0	Materials - Facility operation chemicals, acids and related chemicals, \$152.5k; Operating materials, \$1,250; Testing Equipment, \$2,500; Related hardware and software costs, \$20k; Cannisters, 139 ea, \$764.5k; Radcon safety equipment, \$7.5k, Glass Frit 420, \$431,250. Sub - Fire and Safety Inspections, \$163,250.
16.1.02.01.04 Surveillance and Maintenance	1,113,750	1,630,125	198,000	0	Equipment - Surveillance equipment including operating material, ADP hardware, software, office supplies, miscellaneous furniture, fixtures and equipment, \$1,630,125; Material - Operating material, equipment, office supplies, misc furniture anf fixtures, \$1,113,750. Sub - Mechanical maintenance, E&I maintenance, equipment, and materials, \$198k.
08.1.02.03 ARP/MCU	1,300,000	0	0	0	Material - ARP Chemical Cost, \$730k; MCU Chemical Cost, \$570k.
09.1.02.03 ARP/MCU	1,300,000	0	0	0	Material - ARP Chemical Cost, \$730k; MCU Chemical Cost, \$570k.
10.1.02.03 ARP/MCU	1,300,000	0	0	0	Material - ARP Chemical Cost, \$730k; MCU Chemical Cost, \$570k.
11.1.02.03 ARP/MCU	1,300,000	0	0	0	Material - ARP Chemical Cost, \$730k; MCU Chemical Cost, \$570k.
12.1.02.03 ARP/MCU	1,300,000	0	0	0	Material - ARP Chemical Cost, \$730k; MCU Chemical Cost, \$570k.
08.1.02.04.01.03 Operations	40,000	0	0	0	Material - Fly Ash, Cement Slag, 500 CY, \$40k.
08.1.02.04.01.05 Upgrade/Modify	0	0	4,008,000	0	Sub - New Feed Tanks, \$4,008k (reflective of partial year).
09.1.02.04.01.03 Operations	768,000	0	0	10,000	Material - Fly Ash, Cement Slag, 9,600 CY, \$768k. Allowance - miscellaneous materials, \$10k.
09.1.02.04.01.04 Surveillance and Maintenance	0	0	0	5,200	Allowance - Material allowance for preventative maintenance, \$10k.
09.1.02.04.01.05 Upgrade/Modify	0	0	17,244,000	0	Sub - New Feed Tanks, \$17,244k.
10.1.02.04.01.03 Operations	768,000	0	0	10,000	Material - Fly Ash, Cement Slag, 9,600 CY, \$768k. Allowance - miscellaneous materials, \$10k.
10.1.02.04.01.04 Surveillance and Maintenance	0	0	0	5,200	Allowance - Material allowance for preventative maintenance, \$10k.
10.1.02.04.01.05 Upgrade/Modify	0	0	14,594,000	0	Sub - New Feed Tanks, \$14,594k.
11.1.02.04.01.03 Operations	768,000	0	0	10,000	Material - Fly Ash, Cement Slag, 9,600 CY, \$768k. Allowance - miscellaneous materials, \$10k.
11.1.02.04.01.04 Surveillance and Maintenance	0	0	0	5,200	Allowance - Material allowance for preventative maintenance, \$5,200.
11.1.02.04.01.05 Upgrade/Modify	0	0	6,398,000	0	Sub - New Feed Tanks, \$6,398k.
12.1.02.04.01.03 Operations	2,416,000	0	0	10,000	Material - Fly Ash, Cement Slag, 30,200 CY, \$2,416k. Allowance - miscellaneous materials, \$10k.
12.1.02.04.01.04 Surveillance and Maintenance	0	0	0	5,200	Allowance - Material allowance for preventative maintenance, \$5,200
13.1.02.04.01.03 Operations	2,416,000	0	0	10,000	Material - Fly Ash, Cement Slag, 30,200 CY, \$2,416k. Allowance - miscellaneous materials, \$10k.
13.1.02.04.01.04 Surveillance and Maintenance	0	0	0	5,200	Allowance - Material allowance for preventative maintenance, \$5,200
14.1.02.04.01.03 Operations	2,416,000	0	0	10,000	Material - Fly Ash, Cement Slag, 30,200 CY, \$2,416k. Allowance - miscellaneous materials, \$10k.
14.1.02.04.01.04 Surveillance and Maintenance	0	0	0	5,200	Allowance - Material allowance for preventative maintenance, \$5,200
15.1.02.04.01.03 Operations	2,416,000	0	0	10,000	Material - Fly Ash, Cement Slag, 30,200 CY, \$2,416k. Allowance - miscellaneous materials, \$10k.
15.1.02.04.01.04 Surveillance and Maintenance	0	0	0	5,200	Allowance - Material allowance for preventative maintenance, \$5,200
16.1.02.04.01.03 Operations	1,812,000	0	0	0	Material - Fly Ash, Cement Slag, 22,650 CY, \$1,812k. Allowance - miscellaneous materials, \$10k.
16.1.02.04.01.04 Surveillance and Maintenance	0	0	0	2,600	Allowance - Material allowance for preventative maintenance, \$2,600
08.1.02.04.02 Saltstone Disposal Facility	0	0	6,836,250	0	Sub - Construction Vault 2 organic mods, \$1,404k; begin construction vault 3, \$3,982k; construction vault 4 organics mods, \$1,450,250, all amounts for the partial year.

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Description	Specified Materials	Equipment	Subcontract	Allowance	Details
09.1.02.04.02 Saltstone Disposal Facility	0	0	37,500,000	0	Sub - Construction Vaults 5,6, and 7, construction costs include electrical equipment, monitoring devices, security equipment, grout line, ventilation, and lighting equipment. Also includes craft labor, supervision, construction testing, quality control, estimating, procurement support and other project costs, \$12.5M each, \$37.5M combined.
10.1.02.04.02 Saltstone Disposal Facility	0	0	37,500,000	0	Sub - Construction Vaults 8,9, and 10, construction costs include electrical equipment, monitoring devices, security equipment, grout line, ventilation, and lighting equipment. Also includes craft labor, supervision, construction testing, quality control, estimating, procurement support and other project costs, \$12.5M each, \$37.5M combined.
11.1.02.04.02 Saltstone Disposal Facility	0	0	25,000,000	0	Sub - Construction Vaults 11 and 12, construction costs include electrical equipment, monitoring devices, security equipment, grout line, ventilation, and lighting equipment. Also includes craft labor, supervision, construction testing, quality control, estimating, procurement support and other project costs, \$12.5M each, \$25M combined.
12.1.02.04.02 Saltstone Disposal Facility	0	0	37,500,000	0	Sub - Construction Vaults 13,14, and 15, construction costs include electrical equipment, monitoring devices, security equipment, grout line, ventilation, and lighting equipment. Also includes craft labor, supervision, construction testing, quality control, estimating, procurement support and other project costs, \$12.5M each, \$37.5M combined.
13.1.02.04.02 Saltstone Disposal Facility	0	0	37,500,000	0	Sub - Construction Vaults 16,17, and 18, construction costs include electrical equipment, monitoring devices, security equipment, grout line, ventilation, and lighting equipment. Also includes craft labor, supervision, construction testing, quality control, estimating, procurement support and other project costs, \$12.5M each, \$37.5M combined.
14.1.02.04.02 Saltstone Disposal Facility	0	0	37,500,000	0	Sub - Construction Vaults 19,20, and 21, construction costs include electrical equipment, monitoring devices, security equipment, grout line, ventilation, and lighting equipment. Also includes craft labor, supervision, construction testing, quality control, estimating, procurement support and other project costs, \$12.5M each, \$37.5M combined.
15.1.02.04.02 Saltstone Disposal Facility	0	0	37,500,000	0	Sub - Construction Vaults 22, 23, and 24, construction costs include electrical equipment, monitoring devices, security equipment, grout line, ventilation, and lighting equipment. Also includes craft labor, supervision, construction testing, quality control, estimating, procurement support and other project costs, \$12.5M each, \$37.5M combined.
16.1.02.04.02 Saltstone Disposal Facility	0	0	25,000,000	0	Sub - Construction Vaults 25 and 26, construction costs include electrical equipment, monitoring devices, security equipment, grout line, ventilation, and lighting equipment. Also includes craft labor, supervision, construction testing, quality control, estimating, procurement support and other project costs, \$12.5M each, \$25M combined.
08.1.02.05.01 Planning & Oversight	0	0	500	0	Sub - subcontract for interpretation of WMAP requirements, \$500.
08.1.02.05.03 Operations	220,000	0	0	0	Materials - materials used in normal operations, \$220k.
08.1.02.05.04 Surveillance and Maintenance	12,500	0	0	0	Materials - repair parts and material, \$12,500.
09.1.02.05.01 Planning & Oversight	0	0	500	0	Sub - subcontract for interpretation of WMAP requirements, \$500.
09.1.02.05.03 Operations	220,000	0	0	0	Materials - materials used in normal operations, \$220k.
09.1.02.05.04 Surveillance and Maintenance	12,500	0	0	0	Materials - repair parts and material, \$12,500.
10.1.02.05.01 Planning & Oversight	0	0	500	0	Sub - subcontract for interpretation of WMAP requirements, \$500.

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Description	Specified Materials	Equipment	Subcontract	Allowance	Details
10.1.02.05.03 Operations	220,000	0	0	0	Materials - materials used in normal operations, \$220k.
10.1.02.05.04 Surveillance and Maintenance	12,500	0	0	0	Materials - repair parts and material, \$12,500.
11.1.02.05.01 Planning & Oversight	0	0	500	0	Sub - subcontract for interpretation of WMAP requirements, \$500.
11.1.02.05.03 Operations	220,000	0	0	0	Materials - materials used in normal operations, \$220k.
11.1.02.05.04 Surveillance and Maintenance	12,500	0	0	0	Materials - repair parts and material, \$12,500.
12.1.02.05.01 Planning & Oversight	0	0	500	0	Sub - subcontract for interpretation of WMAP requirements, \$500.
12.1.02.05.03 Operations	220,000	0	0	0	Materials - materials used in normal operations, \$220k.
12.1.02.05.04 Surveillance and Maintenance	12,500	0	0	0	Materials - repair parts and material, \$12,500.
13.1.02.05.01 Planning & Oversight	0	0	500	0	Sub - subcontract for interpretation of WMAP requirements, \$500.
13.1.02.05.03 Operations	220,000	0	0	0	Materials - materials used in normal operations, \$220k.
13.1.02.05.04 Surveillance and Maintenance	12,500	0	0	0	Materials - repair parts and material, \$12,500.
14.1.02.05.01 Planning & Oversight	0	0	500	0	Sub - subcontract for interpretation of WMAP requirements, \$500.
14.1.02.05.03 Operations	220,000	0	0	0	Materials - materials used in normal operations, \$220k.
14.1.02.05.04 Surveillance and Maintenance	12,500	0	0	0	Materials - repair parts and material, \$12,500.
15.1.02.05.01 Planning & Oversight	0	0	500	0	Sub - subcontract for interpretation of WMAP requirements, \$500.
15.1.02.05.03 Operations	220,000	0	0	0	Materials - materials used in normal operations, \$220k.
15.1.02.05.04 Surveillance and Maintenance	12,500	0	0	0	Materials - repair parts and material, \$12,500.
16.1.02.05.01 Planning & Oversight	0	0	500	0	Sub - subcontract for interpretation of WMAP requirements, \$500.
16.1.02.05.03 Operations	220,000	0	0	0	Materials - materials used in normal operations, \$220k.
16.1.02.05.04 Surveillance and Maintenance	12,500	0	0	0	Materials - repair parts and material, \$12,500.
08.1.03.01.01.01 Planning & Oversight	36,000	0	9,000	0	Material - computer software, hardware, supplies, training matl and other, \$36k. Sub - training, engineering, mgmt svcs, process development, and other, \$9k.
08.1.03.01.01.02 Engineering	12,000	0	0	351,000	Material - same description as above line, \$12k. Allowance - PIT program management allocation, \$351k.
08.1.03.01.01.03.01 Waste Receipt	0	0	54,000	0	Sub - based on monthly costs for subcontracts, \$54k.
08.1.03.01.01.04 Surveillance and Maintenance	130,500	0	24,300	0	Material - hardware, office supplies, tng materials, operating matl, protective equipment, plumbing materials, paint, filters, containment, rigging, and other, \$130.5k. Sub - tech support, engineering, construction, maintenance, equipment set-up, sampling, permitting, and other, \$21k; lab fees, \$3,300.
09.1.03.01.01.01 Planning & Oversight	144,000	0	36,000	0	Material - computer software, hardware, supplies, training matl and other, \$144k. Sub - training, engineering, mgmt svcs, process development, and other, \$36k.
09.1.03.01.01.02 Engineering	48,000	0	0	1,404,000	Material - same description as above line, \$48k. Allowance - PIT program management allocation, \$1,404k.
09.1.03.01.01.03.01 Waste Receipt	0	0	216,000	0	Sub - based on monthly costs for subcontracts, \$216k.
09.1.03.01.01.04 Surveillance and Maintenance	522,000	0	97,200	0	Material - hardware, office supplies, tng materials, operating matl, protective equipment, plumbing materials, paint, filters, containment, rigging, and other, \$522k; . Sub - tech support, engineering, construction, maintenance, equipment set-up, sampling, permitting, and other, \$84k; lab fees, \$13,200.
09.1.03.01.01.05 Upgrade/Modify	7,008,000	0	6,996,000	0	Material - Materials to complete Waste Transfer Line (WTL) extension project, tie in with Saltstone Feed Facility and SWPF, \$7,008k. Sub - Complete WTL extension project and tie into DSS lag storage and SWPF, \$6,996.
10.1.03.01.01.01 Planning & Oversight	144,000	0	36,000	0	Material - computer software, hardware, supplies, training matl and other, \$144k. Sub - training, engineering, mgmt svcs, process development, and other, \$36k.
10.1.03.01.01.02 Engineering	48,000	0	0	1,404,000	Material - same description as above line, \$48k. Allowance - PIT program management allocation, \$1,404k.
10.1.03.01.01.03.01 Waste Receipt	0	0	216,000	0	Sub - based on monthly costs for subcontracts, \$216k.

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Description	Specified Materials	Equipment	Subcontract	Allowance	Details
10.1.03.01.01.04 Surveillance and Maintenance	522,000	0	97,200	0	Material - hardware, office supplies, trng materials, operating matl, protective equipment, plumbing materials, paint, filters, containment, rigging, and other, \$522k; . Sub - tech support, engineering, construction, maintenance, equipment set-up, sampling, permitting, and other, \$84k; lab fees, \$13,200.
10.1.03.01.01.05 Upgrade/Modify	7,008,000	0	6,996,000	0	Material - Materials to complete Waste Transfer Line (WTL) extension project, tie in with Saltstone Feed Facility and SWPF, \$7,008k. Sub - Complete WTL extension project and tie into DSS lag storage and SWPF, \$6,996.
11.1.03.01.01.01 Planning & Oversight	144,000	0	36,000	0	Material - computer software, hardware, supplies, training matl and other, \$144k. Sub - training, engineering, mgmt svcs, process development, and other, \$36k.
11.1.03.01.01.02 Engineering	48,000	0	0	1,404,000	Material - same description as above line, \$48k. Allowance - PIT program management allocation, \$1,404k.
11.1.03.01.01.03.01 Waste Receipt	0	0	216,000	0	Sub - based on monthly costs for subcontracts, \$216k.
11.1.03.01.01.04 Surveillance and Maintenance	522,000	0	97,200	0	Material - hardware, office supplies, trng materials, operating matl, protective equipment, plumbing materials, paint, filters, containment, rigging, and other, \$522k; . Sub - tech support, engineering, construction, maintenance, equipment set-up, sampling, permitting, and other, \$84k; lab fees, \$13,200.
11.1.03.01.01.05 Upgrade/Modify	7,008,000	0	6,996,000	0	Material - Materials to complete Waste Transfer Line (WTL) extension project, tie in with Saltstone Feed Facility and SWPF, \$7,008k. Sub - Complete WTL extension project and tie into DSS lag storage and SWPF, \$6,996.
12.1.03.01.01.01 Planning & Oversight	144,000	0	36,000	0	Material - computer software, hardware, supplies, training matl and other, \$144k. Sub - training, engineering, mgmt svcs, process development, and other, \$36k.
12.1.03.01.01.02 Engineering	48,000	0	0	1,404,000	Material - same description as above line, \$48k. Allowance - PIT program management allocation, \$1,404k.
12.1.03.01.01.03.01 Waste Receipt	0	0	216,000	0	Sub - based on monthly costs for subcontracts, \$216k.
12.1.03.01.01.04 Surveillance and Maintenance	522,000	0	97,200	0	Material - hardware, office supplies, trng materials, operating matl, protective equipment, plumbing materials, paint, filters, containment, rigging, and other, \$522k; . Sub - tech support, engineering, construction, maintenance, equipment set-up, sampling, permitting, and other, \$84k; lab fees, \$13,200.
12.1.03.01.01.05 Upgrade/Modify	12,000	0	0	0	Materials - office supplies, \$12k.
13.1.03.01.01.01 Planning & Oversight	144,000	0	36,000	0	Material - computer software, hardware, supplies, training matl and other, \$144k. Sub - training, engineering, mgmt svcs, process development, and other, \$36k.
13.1.03.01.01.02 Engineering	48,000	0	0	1,404,000	Material - same description as above line, \$48k. Allowance - PIT program management allocation, \$1,404k.
13.1.03.01.01.03.01 Waste Receipt	0	0	216,000	0	Sub - based on monthly costs for subcontracts, \$216k.
13.1.03.01.01.04 Surveillance and Maintenance	522,000	0	97,200	0	Material - hardware, office supplies, trng materials, operating matl, protective equipment, plumbing materials, paint, filters, containment, rigging, and other, \$522k; . Sub - tech support, engineering, construction, maintenance, equipment set-up, sampling, permitting, and other, \$84k; lab fees, \$13,200.
13.1.03.01.01.05 Upgrade/Modify	12,000	0	0	0	Materials - office supplies, \$12k.
14.1.03.01.01.01 Planning & Oversight	144,000	0	36,000	0	Material - computer software, hardware, supplies, training matl and other, \$144k. Sub - training, engineering, mgmt svcs, process development, and other, \$36k.
14.1.03.01.01.02 Engineering	48,000	0	0	1,404,000	Material - same description as above line, \$48k. Allowance - PIT program management allocation, \$1,404k.
14.1.03.01.01.03.01 Waste Receipt	0	0	216,000	0	Sub - based on monthly costs for subcontracts, \$216k.

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Description	Specified Materials	Equipment	Subcontract	Allowance	Details
14.1.03.01.01.04 Surveillance and Maintenance	522,000	0	97,200	0	Material - hardware, office supplies, trng materials, operating matl, protective equipment, plumbing materials, paint, filters, containment, rigging, and other, \$522k; . Sub - tech support, engineering, construction, maintenance, equipment set-up, sampling, permitting, and other, \$84k; lab fees, \$13,200.
14.1.03.01.01.05 Upgrade/Modify	12,000	0	0	0	Materials - office supplies, \$12k.
15.1.03.01.01.01 Planning & Oversight	144,000	0	36,000	0	Material - computer software, hardware, supplies, training matl and other, \$144k. Sub - training, engineering, mgmt svcs, process development, and other, \$36k.
15.1.03.01.01.02 Engineering	48,000	0	0	1,404,000	Material - same description as above line, \$48k. Allowance - PIT program management allocation, \$1,404k.
15.1.03.01.01.03.01 Waste Receipt	0	0	216,000	0	Sub - based on monthly costs for subcontracts, \$216k.
15.1.03.01.01.04 Surveillance and Maintenance	522,000	0	97,200	0	Material - hardware, office supplies, trng materials, operating matl, protective equipment, plumbing materials, paint, filters, containment, rigging, and other, \$522k; . Sub - tech support, engineering, construction, maintenance, equipment set-up, sampling, permitting, and other, \$84k; lab fees, \$13,200.
15.1.03.01.01.05 Upgrade/Modify	12,000	0	0	0	Materials - office supplies, \$12k.
16.1.03.01.01.01 Planning & Oversight	108,000	0	27,000	0	Material - computer software, hardware, supplies, training matl and other, \$108k. Sub - training, engineering, mgmt svcs, process development, and other, \$27k.
16.1.03.01.01.02 Engineering	36,000	0	0	1,053,000	Material - same description as above line, \$36k. Allowance - PIT program management allocation, \$1,053k.
16.1.03.01.01.03.01 Waste Receipt	0	0	162,000	0	Sub - based on monthly costs for subcontracts, \$162k.
16.1.03.01.01.04 Surveillance and Maintenance	391,500	0	72,900	0	Material - hardware, office supplies, trng materials, operating matl, protective equipment, plumbing materials, paint, filters, containment, rigging, and other, \$391.5k; . Sub - tech support, engineering, construction, maintenance, equipment set-up, sampling, permitting, and other, \$72.9k; lab fees, \$9,900.
16.1.03.01.01.05 Upgrade/Modify	9,000	0	0	0	Materials - office supplies, \$9k.
08.1.03.01.02.01 Planning & Oversight	17,100	0	57,000	0	Sub - based on monthly costs for subcontracts, \$54k. Material - computer software, hardware, supplies, training matl and other, \$17.1k
08.1.03.01.02.02 Engineering	12,000	0	3,000	726,000	Material - same as above line, \$12k. Sub - technical support, \$3k. Allowance - PIT Program Allocation, \$726k.
08.1.03.01.02.03.01 Waste Receipt	0	0	237,000	0	Sub - technical support, engineering, construction, maintenance, and other, \$237k.
08.1.03.01.02.04 Surveillance and Maintenance	490,800	0	241,650	0	Material - hardware, office supplies, trng materials, operating materials, protective equip, electrical materials, plumbing materials, paint, filters, containment, rigging, and other, \$490.8k. Sub - lab fees, \$100.2k; technical support, construction, maintenance, equipment setup, permitting, sampling, and other, \$141,450.
08.1.03.01.02.05 Upgrade/Modify	2,202,000	0	1,791,000	0	Material - estimate of materials for Saltstone Feed Facility project, \$2,202k. Sub - estimate of subs for Saltstone Feed Facility project, \$1,791k.
09.1.03.01.02.01 Planning & Oversight	68,400	0	228,000	0	Sub - based on monthly costs for subcontracts, \$228k. Material - computer software, hardware, supplies, training matl and other, \$68.4k
09.1.03.01.02.02 Engineering	48,000	0	12,000	2,904,000	Material - same as above line, \$48k. Sub - technical support, \$12k. Allowance - PIT Program Allocation, \$2,904k.
09.1.03.01.02.03.01 Waste Receipt	0	0	948,000	0	Sub - technical support, engineering, construction, maintenance, and other, \$948k.

PART IV-REPRESENTATIONS AND INSTRUCTIONS
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Description	Specified Materials	Equipment	Subcontract	Allowance	Details
09.1.03.01.02.04 Surveillance and Maintenance	1,963,200	0	966,600	0	Material - hardware, office supplies, trng materials, operating materials, protective equip, electrical materials, plumbing materials, paint, filters, containment, rigging, and other, \$1,963.2k. Sub - lab fees, \$400.8k; technical support, construction, maintenance, equipment setup, permitting, sampling, and other, \$565.8k
09.1.03.01.02.05 Upgrade/Modify	8,808,000	0	7,164,000	0	Material - Estimate of materials for Saltstone Feed Facility project, \$8,808k. Sub - Estimate of subcontracts for Saltstone Feed Facility project, \$7,164k.
10.1.03.01.02.01 Planning & Oversight	68,400	0	228,000	0	Sub - based on monthly costs for subcontracts, \$228k. Material - computer software, hardware, supplies, training matl and other, \$68.4k
10.1.03.01.02.02 Engineering	48,000	0	12,000	2,904,000	Material - same as above line, \$48k. Sub - technical support, \$12k. Allowance - PIT Program Allocation, \$2,904k.
10.1.03.01.02.03.01 Waste Receipt	0	0	948,000	0	Sub - technical support, engineering, construction, maintenance, and other, \$948k.
10.1.03.01.02.04 Surveillance and Maintenance	1,963,200	0	966,600	0	Material - hardware, office supplies, trng materials, operating materials, protective equip, electrical materials, plumbing materials, paint, filters, containment, rigging, and other, \$1,963.2k. Sub - lab fees, \$400.8k; technical support, construction, maintenance, equipment setup, permitting, sampling, and other, \$565.8k
10.1.03.01.02.05 Upgrade/Modify	8,808,000	0	7,164,000	0	Material - Estimate of materials for Saltstone Feed Facility project, \$8,808k. Sub - Estimate of subcontracts for Saltstone Feed Facility project, \$7,164k.
11.1.03.01.02.01 Planning & Oversight	68,400	0	228,000	0	Sub - based on monthly costs for subcontracts, \$228k. Material - computer software, hardware, supplies, training matl and other, \$68.4k
11.1.03.01.02.02 Engineering	48,000	0	12,000	2,904,000	Material - same as above line, \$48k. Sub - technical support, \$12k. Allowance - PIT Program Allocation, \$2,904k.
11.1.03.01.02.03.01 Waste Receipt	0	0	948,000	0	Sub - technical support, engineering, construction, maintenance, and other, \$948k.
11.1.03.01.02.04 Surveillance and Maintenance	1,963,200	0	966,600	0	Material - hardware, office supplies, trng materials, operating materials, protective equip, electrical materials, plumbing materials, paint, filters, containment, rigging, and other, \$1,963.2k. Sub - lab fees, \$400.8k; technical support, construction, maintenance, equipment setup, permitting, sampling, and other, \$565.8k
11.1.03.01.02.05 Upgrade/Modify	8,808,000	0	7,164,000	0	Material - Estimate of materials for Saltstone Feed Facility project, \$8,808k. Sub - Estimate of subcontracts for Saltstone Feed Facility project, \$7,164k.
12.1.03.01.02.01 Planning & Oversight	68,400	0	228,000	0	Sub - based on monthly costs for subcontracts, \$228k. Material - computer software, hardware, supplies, training matl and other, \$68.4k
12.1.03.01.02.02 Engineering	48,000	0	12,000	2,904,000	Material - same as above line, \$48k. Sub - technical support, \$12k. Allowance - PIT Program Allocation, \$2,904k.
12.1.03.01.02.03.01 Waste Receipt	0	0	948,000	0	Sub - technical support, engineering, construction, maintenance, and other, \$948k.
12.1.03.01.02.04 Surveillance and Maintenance	1,963,200	0	966,600	0	Material - hardware, office supplies, trng materials, operating materials, protective equip, electrical materials, plumbing materials, paint, filters, containment, rigging, and other, \$1,963.2k. Sub - lab fees, \$400.8k; technical support, construction, maintenance, equipment setup, permitting, sampling, and other, \$565.8k
12.1.03.01.02.05 Upgrade/Modify	6,606,000	0	5,373,000	0	Material - Estimate of materials for Saltstone Feed Facility project, \$6,606k. Sub - Estimate of subcontracts for Saltstone Feed Facility project, \$5,373k.

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Description	Specified Materials	Equipment	Subcontract	Allowance	Details
13.1.03.01.02.01 Planning & Oversight	68,400	0	228,000	0	Sub - based on monthly costs for subcontracts, \$228k. Material - computer software, hardware, supplies, training matl and other, \$68.4k
13.1.03.01.02.02 Engineering	48,000	0	12,000	2,904,000	Material - same as above line, \$48k. Sub - technical support, \$12k. Allowance - PIT Program Allocation, \$2,904k.
13.1.03.01.02.03.01 Waste Receipt	0	0	948,000	0	Sub - technical support, engineering, construction, maintenance, and other, \$948k.
13.1.03.01.02.03.04 Sludge Waste Feed Preparation	0	0	850,000	0	Sub - SRNL for sampling and testing of sludge and mixing and testing various frit options, \$500k; Review engineering design, prepare paperwork, \$200k; Prepare schedules, review technology, \$100k; WSMS Safety requirements, \$50k.
13.1.03.01.02.04 Surveillance and Maintenance	1,963,200	0	966,600	0	Material - hardware, office supplies, trng materials, operating materials, protective equip, electrical materials, plumbing materials, paint, filters, containment, rigging, and other, \$1,963.2k. Sub - lab fees, \$400.8k; technical support, construction, maintenance, equipment setup, permitting, sampling, and other, \$565.8k
13.1.03.01.02.05 Upgrade/Modify	12,000	0	0	0	Material - Office supplies, \$12k.
14.1.03.01.02.01 Planning & Oversight	68,400	0	228,000	0	Sub - based on monthly costs for subcontracts, \$228k. Material - computer software, hardware, supplies, training matl and other, \$68.4k
14.1.03.01.02.02 Engineering	48,000	0	12,000	2,904,000	Material - same as above line, \$48k. Sub - technical support, \$12k. Allowance - PIT Program Allocation, \$2,904k.
14.1.03.01.02.03.01 Waste Receipt	0	0	948,000	0	Sub - technical support, engineering, construction, maintenance, and other, \$948k.
14.1.03.01.02.04 Surveillance and Maintenance	1,963,200	0	966,600	0	Material - hardware, office supplies, trng materials, operating materials, protective equip, electrical materials, plumbing materials, paint, filters, containment, rigging, and other, \$1,963.2k. Sub - lab fees, \$400.8k; technical support, construction, maintenance, equipment setup, permitting, sampling, and other, \$565.8k
14.1.03.01.02.05 Upgrade/Modify	12,000	0	0	0	Material - Office supplies, \$12k.
15.1.03.01.02.01 Planning & Oversight	68,400	0	228,000	0	Sub - based on monthly costs for subcontracts, \$228k. Material - computer software, hardware, supplies, training matl and other, \$68.4k
15.1.03.01.02.02 Engineering	48,000	0	12,000	2,904,000	Material - same as above line, \$48k. Sub - technical support, \$12k. Allowance - PIT Program Allocation, \$2,904k.
15.1.03.01.02.03.01 Waste Receipt	0	0	948,000	0	Sub - technical support, engineering, construction, maintenance, and other, \$948k.
15.1.03.01.02.04 Surveillance and Maintenance	1,963,200	0	966,600	0	Material - hardware, office supplies, trng materials, operating materials, protective equip, electrical materials, plumbing materials, paint, filters, containment, rigging, and other, \$1,963.2k. Sub - lab fees, \$400.8k; technical support, construction, maintenance, equipment setup, permitting, sampling, and other, \$565.8k
15.1.03.01.02.05 Upgrade/Modify	12,000	0	0	0	Material - Office supplies, \$12k.
16.1.03.01.02.01 Planning & Oversight	51,300	0	171,000	0	Sub - based on monthly costs for subcontracts, \$171k. Material - computer software, hardware, supplies, training matl and other, \$51.3k
16.1.03.01.02.02 Engineering	36,000	0	9,000	2,178,000	Material - same as above line, \$36k. Sub - technical support, \$9k. Allowance - PIT Program Allocation, \$2,178k.
16.1.03.01.02.03.01 Waste Receipt	0	0	711,000	0	Sub - technical support, engineering, construction, maintenance, and other, \$711k.
16.1.03.01.02.04 Surveillance and Maintenance	1,472,400	0	724,950	0	Material - hardware, office supplies, trng materials, operating materials, protective equip, electrical materials, plumbing materials, paint, filters, containment, rigging, and other, \$1,472.4k. Sub - lab fees, \$300.6k; technical support, construction, maintenance, equipment setup, permitting, sampling, and other, \$424,350

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Description	Specified Materials	Equipment	Subcontract	Allowance	Details
16.1.03.01.02.05 Upgrade/Modify	9,000	0	0	0	Material - Office supplies, \$9k.
08.2.01 Waste Determinations	0	0	0	5,000	Allowance - travel to/from regulatory meetings, \$5k.
09.2.01 Waste Determinations	0	0	0	20,000	Allowance - travel to/from regulatory meetings, \$20k
10.2.01 Waste Determinations	0	0	0	20,000	Allowance - travel to/from regulatory meetings, \$20k
11.2.01 Waste Determinations	0	0	0	20,000	Allowance - travel to/from regulatory meetings, \$20k
12.2.01 Waste Determinations	0	0	0	20,000	Allowance - travel to/from regulatory meetings, \$20k
13.2.01 Waste Determinations	0	0	0	20,000	Allowance - travel to/from regulatory meetings, \$20k
14.2.01 Waste Determinations	0	0	0	20,000	Allowance - travel to/from regulatory meetings, \$20k
15.2.01 Waste Determinations	0	0	0	20,000	Allowance - travel to/from regulatory meetings, \$20k
16.2.01 Waste Determinations	0	0	0	45,000	Allowance - travel to/from regulatory meetings, \$45k
08.2.02 Environ, Safety, & Health and Assurance Svc	0	0	0	300,000	Allowance - occupational medicine svc, annual physicals, \$300k.
09.2.02 Environ, Safety, & Health and Assurance Svc	0	0	0	1,200,000	Allowance - occupational medicine svc, annual physicals, \$1,200k.
10.2.02 Environ, Safety, & Health and Assurance Svc	0	0	0	1,200,000	Allowance - occupational medicine svc, annual physicals, \$1,200k.
11.2.02 Environ, Safety, & Health and Assurance Svc	0	0	0	1,200,000	Allowance - occupational medicine svc, annual physicals, \$1,200k.
12.2.02 Environ, Safety, & Health and Assurance Svc	0	0	0	1,200,000	Allowance - occupational medicine svc, annual physicals, \$1,200k.
13.2.02 Environ, Safety, & Health and Assurance Svc	0	0	0	1,200,000	Allowance - occupational medicine svc, annual physicals, \$1,200k.
14.2.02 Environ, Safety, & Health and Assurance Svc	0	0	0	1,200,000	Allowance - occupational medicine svc, annual physicals, \$1,200k.
15.2.02 Environ, Safety, & Health and Assurance Svc	0	0	0	1,200,000	Allowance - occupational medicine svc, annual physicals, \$1,200k.
16.2.02 Environ, Safety, & Health and Assurance Svc	0	0	0	900,000	Allowance - occupational medicine svc, annual physicals, \$900k.
08.2.05 Operations Support	74,499	0	50,250	296,000	Material - crane and rigging, \$74,499. Sub - crane and rigging, \$50,250. Allowance - incidentals to support, \$296k.
09.2.05 Operations Support	0	0	0	1,190,000	Allowance - incidentals to support, \$1,190k.
10.2.05 Operations Support	0	0	0	1,190,000	Allowance - incidentals to support, \$1,190k.
11.2.05 Operations Support	0	0	0	1,190,000	Allowance - incidentals to support, \$1,190k.
12.2.05 Operations Support	0	0	0	1,190,000	Allowance - incidentals to support, \$1,190k.
13.2.05 Operations Support	0	0	0	1,190,000	Allowance - incidentals to support, \$1,190k.
14.2.05 Operations Support	0	0	0	1,190,000	Allowance - incidentals to support, \$1,190k.
15.2.05 Operations Support	0	0	0	1,190,000	Allowance - incidentals to support, \$1,190k.
16.2.05 Operations Support	223,497	0	150,750	892,500	Material - crane and rigging, \$223,497. Sub - crane and rigging, \$150,750. Allowance - incidentals to support, \$892.5k.
08.2.05.06 Utilities	0	0	0	4,732,500	Allowance - estimated utilities expense, \$4,732.5k.
09.2.05.06 Utilities	0	0	0	18,930,000	Allowance - estimated utilities expense, \$18,930k.
10.2.05.06 Utilities	0	0	0	18,930,000	Allowance - estimated utilities expense, \$18,930k.
11.2.05.06 Utilities	0	0	0	18,930,000	Allowance - estimated utilities expense, \$18,930k.
12.2.05.06 Utilities	0	0	0	18,930,000	Allowance - estimated utilities expense, \$18,930k.
13.2.05.06 Utilities	0	0	0	18,930,000	Allowance - estimated utilities expense, \$18,930k.
14.2.05.06 Utilities	0	0	0	18,930,000	Allowance - estimated utilities expense, \$18,930k.
15.2.05.06 Utilities	0	0	0	18,930,000	Allowance - estimated utilities expense, \$18,930k.
16.2.05.06 Utilities	0	0	0	18,930,000	Allowance - estimated utilities expense, \$18,930k.
08.2.07 Analytical Laboratory Support	42,000	0	4,155,900	0	Material - lab materials, \$42k. Sub - SRNL services to DWPF, \$2,334k; to ETP Ops, \$20.7k; to Salt Processing, \$774k; to Saltstone, \$924.9k; to Tank Farm, \$102.3k.
09.2.07 Analytical Laboratory Support	168,000	0	16,623,600	0	Material - lab materials, \$168k. Sub - SRNL services to DWPF, \$9,336k; to ETP Ops, \$82.8k; to Salt Processing, \$3,096k; to Saltstone, \$3,699.6k; to Tank Farm, \$409.2k.
10.2.07 Analytical Laboratory Support	168,000	0	16,623,600	0	Material - lab materials, \$168k. Sub - SRNL services to DWPF, \$9,336k; to ETP Ops, \$82.8k; to Salt Processing, \$3,096k; to Saltstone, \$3,699.6k; to Tank Farm, \$409.2k.
11.2.07 Analytical Laboratory Support	168,000	0	16,623,600	0	Material - lab materials, \$168k. Sub - SRNL services to DWPF, \$9,336k; to ETP Ops, \$82.8k; to Salt Processing, \$3,096k; to Saltstone, \$3,699.6k; to Tank Farm, \$409.2k.
12.2.07 Analytical Laboratory Support	168,000	0	16,623,600	0	Material - lab materials, \$168k. Sub - SRNL services to DWPF, \$9,336k; to ETP Ops, \$82.8k; to Salt Processing, \$3,096k; to Saltstone, \$3,699.6k; to Tank Farm, \$409.2k.

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Description	Specified Materials	Equipment	Subcontract	Allowance	Details
13.2.07 Analytical Laboratory Support	168,000	0	16,623,600	0	Material - lab materials, \$168k. Sub - SRNL services to DWPF, \$9,336k; to ETP Ops, \$82.8k; to Salt Processing, \$3,096k; to Saltstone, \$3,699.6k; to Tank Farm, \$409.2k.
14.2.07 Analytical Laboratory Support	168,000	0	16,623,600	0	Material - lab materials, \$168k. Sub - SRNL services to DWPF, \$9,336k; to ETP Ops, \$82.8k; to Salt Processing, \$3,096k; to Saltstone, \$3,699.6k; to Tank Farm, \$409.2k.
15.2.07 Analytical Laboratory Support	168,000	0	16,623,600	0	Material - lab materials, \$168k. Sub - SRNL services to DWPF, \$9,336k; to ETP Ops, \$82.8k; to Salt Processing, \$3,096k; to Saltstone, \$3,699.6k; to Tank Farm, \$409.2k.
16.2.07 Analytical Laboratory Support	126,000	0	12,467,700	0	Material - lab materials, \$126k. Sub - SRNL services to DWPF, \$7,002k; to ETP Ops, \$62.1k; to Salt Processing, \$2,322k; to Saltstone, \$2,774.7k; to Tank Farm, \$206.9k.