

WBS No: 1BAA
 Activity ID: 1BAAEDDREV

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter *

Starts In FY *

WBS No: 1BAA Title: Project Management
 Activity ID: 1BAAEDDREV Description: B707 D&D BIO Revision
 Cost Risk 2 Schedule Risk 3

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	Revise PHA	1.00	each	EE	0	0	0	40.960	0	40.960	0	40.960
10	Conduct IVR	1.00	each	EE	0	0	0	28.800	0	28.800	0	28.800
11	Project Management	1.00	each	EE	1.448	1.448	77.396	266.560	0	343.956	37.328	381.284
2	Perform Accident Analysis	1.00	each	EE	0	0	0	28.000	0	28.000	0	28.000
3	Update BIO Chapters	1.00	each	EE	0	0	0	80.880	0	80.880	0	80.880
4	Update TSRS	1.00	each	EE	0	0	0	5.600	0	5.600	0	5.600
5	Develop Implementation Plan	1.00	each	EE	0	0	0	14.400	0	14.400	0	14.400
6	Revise Procedures / Ops Orders	1.00	each	EE	0	0	0	6.400	0	6.400	0	6.400
7	Update TSR Tracking System	1.00	each	EE	0	0	0	12.600	0	12.600	0	12.600
8	Conduct Training on BIO/TSR Changes	1.00	each	EE	0	0	0	31.200	0	31.200	0	31.200
9	Conduct Management Review	1.00	each	EE	0	0	0	19.200	0	19.200	0	19.200
ISYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	16.889	16.889	0	16.889
Total for Activity 1BAAEDDREV:						1.448	77.396	534.600	16.889	628.885	37.328	666.213

Line Item 1 - Revise PHA

BOE
 Estimators Experience - project manager's recent experience on development of the B707 BIO
 Experience Item Desc - Building 707 D&D BIO Revision
 Breakdown of Cost Data:
 Item - labor for revisions to B707 BIO
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct and subcontracted labor with a variety of billing rates
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Steve Buescher in Building 750 at x6157, or Mac Carman in Building 750 at x4855.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	E120 SAFETY ENGINEERS	KB50S B707 Eng Envir. Sfty & Quality	Linear	40.960.00	Dollars
<i>Factors</i>		512 hrs	80 \$/hr			

Line Item 10 - Conduct IVR

BOE
 Estimators Experience - project manager's recent experience on development of the B707 BIO
 Experience Item Desc - Building 707 D&D BIO Revision
 Breakdown of Cost Data:
 Item - labor for revisions to B707 BIO
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by subcontracted labor with a variety of billing rates
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Steve Buescher in Building 750 at x6157, or Mac Carman in Building 750 at x4855.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	E070 MECHANICAL ENGINEERS	KB50S B707 Eng Envir. Sfty & Quality	Linear	9.600.00	Dollars
<i>Factors</i>		120 hours	80 \$/hr			
A5H	SUBCONTRACTED SRVS	P150 TRAINERS	KB50S B707 Eng Envir. Sfty & Quality	Linear	9.600.00	Dollars
<i>Factors</i>		120 hours	80 \$/hr			
A5H	SUBCONTRACTED SRVS	P160 TECHNICAL WRITERS AND EDITOR	KB50S B707 Eng Envir. Sfty & Quality	Linear	9.600.00	Dollars
<i>Factors</i>		120 hours	80 \$/hr			

Line Item 11 - Project Management

BOE
 Estimators Experience - project manager's recent experience on development of the B707 BIO
 Experience Item Desc - Building 707 D&D BIO Revision
 Breakdown of Cost Data:
 Item - labor for revisions to B707 BIO

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Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct and subcontracted labor with a variety of billing rates
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Steve Buescher in Building 750 at x6157, or Mac Carman in Building 750 at x4855.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	S100S SSOC Salaried	Linear	1.448.00	Hours
	Factors 1448 hours	1 Manager(grade 69-72)				
	A5H SUBCONTRACTED SRVS	E130 OTHER ENGINEERS	KB50S B707 Eng Envir. Sftv & Quality	Linear	151.200.00	Dollars
	Factors 1440 hours	105 \$/hr				
	A5H SUBCONTRACTED SRVS	P150 TRAINERS	KB50S B707 Eng Envir. Sftv & Quality	Linear	115.360.00	Dollars
	Factors 1442 hours	80 \$/hr				

Line Item 2 - Perform Accident Analysis

BOE
 Estimators Experience - project manager's recent experience on development of the B707 BIO
 Experience Item Desc - Building 707 D&D BIO Revision
 Breakdown of Cost Data:
 Item - labor for revisions to B707 BIO
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by subcontracted labor with a variety of billing rates
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Steve Buescher in Building 750 at x6157, or Mac Carman in Building 750 at x4855.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	A5H SUBCONTRACTED SRVS	E120 SAFETY ENGINEERS	KB50S B707 Eng Envir. Sftv & Quality	Linear	28.000.00	Dollars
	Factors 400 hrs	70 \$/hr				

Line Item 3 - Update BIO Chapters

BOE
 Estimators Experience - project manager's recent experience on development of the B707 BIO
 Experience Item Desc - Building 707 D&D BIO Revision
 Breakdown of Cost Data:
 Item - labor for revisions to B707 BIO
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by subcontracted labor with a variety of billing rates
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Steve Buescher in Building 750 at x6157, or Mac Carman in Building 750 at x4855.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	A5H SUBCONTRACTED SRVS	E070 MECHANICAL ENGINEERS	KB50S B707 Eng Envir. Sftv & Quality	Linear	13.440.00	Dollars
	Factors 168 hrs	80 \$/hr				
	A5H SUBCONTRACTED SRVS	E120 SAFETY ENGINEERS	KB50S B707 Eng Envir. Sftv & Quality	Linear	6.400.00	Dollars
	Factors 80 hrs	80 \$/hr				
	A5H SUBCONTRACTED SRVS	M020 MANAGERS (GRADE 69 - 72)	KB50S B707 Eng Envir. Sftv & Quality	Linear	61.040.00	Dollars
	Factors 872 hrs	70 \$/hr				

Line Item 4 - Update TSRs

BOE
 Estimators Experience - project manager's recent experience on development of the B707 BIO
 Experience Item Desc - Building 707 D&D BIO Revision
 Breakdown of Cost Data:
 Item - labor for revisions to B707 BIO
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by subcontracted labor with a variety of billing rates
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA

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Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Steve Buescher in Building 750 at x6157, or Mac Carman in Building 750 at x4855.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	A5H SUBCONTRACTED SRVS	P160 TECHNICAL WRITERS AND EDITOR	KB50S B707 Eng Envir. Sftv & Quality	Linear	5,600.00	Dollars
<i>Factors</i>	80 hours	70 \$/hr				

Line Item 5 - Develop Implementation Plan

BOE
 Estimators Experience - project manager's recent experience on development of the B707 BIO
 Experience Item Desc - Building 707 D&D BIO Revision
 Breakdown of Cost Data:
 Item - labor for revisions to B707 BIO
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by subcontracted labor with a variety of billing rates
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Steve Buescher in Building 750 at x6157, or Mac Carman in Building 750 at x4855.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	A5H SUBCONTRACTED SRVS	P160 TECHNICAL WRITERS AND EDITOR	KB50S B707 Eng Envir. Sftv & Quality	Linear	11,200.00	Dollars
<i>Factors</i>	160 hrs	70 \$/hr				
	A5H SUBCONTRACTED SRVS	P160 TECHNICAL WRITERS AND EDITOR	KB50S B707 Eng Envir. Sftv & Quality	Linear	3,200.00	Dollars
<i>Factors</i>	40 hrs	80 \$/hr				

Line Item 6 - Revise Procedures / Ops Orders

BOE
 Estimators Experience - project manager's recent experience on development of the B707 BIO
 Experience Item Desc - Building 707 D&D BIO Revision
 Breakdown of Cost Data:
 Item - labor for revisions to B707 BIO
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by subcontracted labor with a variety of billing rates
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Steve Buescher in Building 750 at x6157, or Mac Carman in Building 750 at x4855.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	A5H SUBCONTRACTED SRVS	P160 TECHNICAL WRITERS AND EDITOR	KB50S B707 Eng Envir. Sftv & Quality	Linear	6,400.00	Dollars
<i>Factors</i>	80 hrs	80 \$/hr				

Line Item 7 - Update TSR Tracking System

BOE
 Estimators Experience - project manager's recent experience on development of the B707 BIO
 Experience Item Desc - Building 707 D&D BIO Revision
 Breakdown of Cost Data:
 Item - labor for revisions to B707 BIO
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by subcontracted labor with a variety of billing rates
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Steve Buescher in Building 750 at x6157, or Mac Carman in Building 750 at x4855.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	A5H SUBCONTRACTED SRVS	P060 COMPUTER SYSTEMS ANALYSTS	KB50S B707 Eng Envir. Sftv & Quality	Linear	12,600.00	Dollars
<i>Factors</i>	180 hours	70 \$/hr				

Line Item 8 - Conduct Training on BIO/TSR Changes

BOE
 Estimators Experience - project manager's recent experience on development of the B707 BIO
 Experience Item Desc - Building 707 D&D BIO Revision
 Breakdown of Cost Data:

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Item - labor for revisions to B707 BIO
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by subcontracted labor with a variety of billing rates
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Steve Buescher in Building 750 at x6157, or Mac Carman in Building 750 at x4855.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	A5H SUBCONTRACTED SRVS	P060 COMPUTER SYSTEMS ANALYSTS	KB50S B707 Eng Envir. Sftv & Quality	Linear	5.600.00	Dollars
	Factors 80 hours	70 \$/hr				
	A5H SUBCONTRACTED SRVS	P150 TRAINERS	KB50S B707 Eng Envir. Sftv & Quality	Linear	25.600.00	Dollars
	Factors 320 hours	80 \$/hr				

Line Item 9 - Conduct Management Review

BOE
 Estimators Experience - project manager's recent experience on development of the B707 BIO
 Experience Item Desc - Building 707 D&D BIO Revision
 Breakdown of Cost Data:
 Item - labor for revisions to B707 BIO
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by subcontracted labor with a variety of billing rates
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Steve Buescher in Building 750 at x6157, or Mac Carman in Building 750 at x4855.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	A5H SUBCONTRACTED SRVS	E070 MECHANICAL ENGINEERS	KB50S B707 Eng Envir. Sftv & Quality	Linear	6.400.00	Dollars
	Factors 80 hours	80 \$/hr				
	A5H SUBCONTRACTED SRVS	P150 TRAINERS	KB50S B707 Eng Envir. Sftv & Quality	Linear	6.400.00	Dollars
	Factors 80 hours	80 \$/hr				
	A5H SUBCONTRACTED SRVS	P160 TECHNICAL WRITERS AND EDITOR	KB50S B707 Eng Envir. Sftv & Quality	Linear	6.400.00	Dollars
	Factors 80 hours	80 \$/hr				

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	9.825.87	Dollars
	Factors 9825.87 Dollars					
	ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	7.063.40	Dollars
	Factors 7063.4 Dollars					

Activity ID: 1BAAEE1000 Description: B707 EES&Q Support Phase 1

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	B707 Engineering Management	1.00	each		11.998	11.998	538.730	541.685	0	1.080.416	259.466	1.339.882
2	B707 Project Wide Engineering Services	1.00	each		5.165	5.165	179.149	0	0	179.149	86.283	265.432
3	B707 EES&Q Supplies & Travel	1.00	each		0	0	0	40.373	0	40.373	0	40.373
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	47.852	47.852	0	47.852
Total for Activity 1BAAEE1000:						17.162	717.879	582.058	47.852	1.347.790	345.749	1.693.539

Line Item 1 - B707 Engineering Management

BOE
 Estimators Experience - project manager's recent experience on ESS&Q requirements on the B707 project and other projects at RFETS.
 Experience Item Desc - EES&Q consists of management and support of EES&Q, RAD Protection, Industrial Safety, Nuclear Safety, Environmental Safety, Chief Engineer, and core project wide engineering services.
 Breakdown of Cost Data:
 Item - Labor for ESS&Q management and support for B707 project.
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct and subcontracted labor with a variety of billing rates.

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Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources		Cost Element	Code	Skill	Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	S100S SSOC Salaried	Linear	2,383.73	Hours
Factors	1850	Hours/Year		1.5 Crit Safetv Officers (Swartz)		0.859 years		
	750	STRAIGHT TIME BASE	G040	SECRETARIES	KB50S B707 Eng Envir. Sftv & Quality	Linear	1,589.15	Hours
Factors	1850	Hrs/Year		1 Secretary		0.859 Years		
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB50S B707 Eng Envir. Sftv & Quality	Linear	1,589.15	Hours
Factors	1850	Hrs/Year		1 EES&Q Manager (Snyder)		0.859 Years		
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB50S B707 Eng Envir. Sftv & Quality	Linear	1,589.15	Hours
Factors	1850	Hours/Year		1 Rad Protection Mar (Davidson)		0.859 years		
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB50S B707 Eng Envir. Sftv & Quality	Linear	1,589.15	Hours
Factors	1850	Hours/Year		1 Chief Engineer (Gilmour)		0.859 Years		
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB50S B707 Eng Envir. Sftv & Quality	Linear	1,589.15	Hours
Factors	1850	Hours/Year		1 Environ Safetv Mar (Lavorato)		0.859 years		
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	S100S SSOC Salaried	Linear	1,589.15	Hours
Factors	1850	Hours/year		1 Qual & Compl Proa Mar (Fisher)		0.859 years		
	751	OVERTIME BASE & PRE.	G040	SECRETARIES	KB50S B707 Eng Envir. Sftv & Quality	Linear	79.03	Hours
Factors	92	Hrs/Year		1 Secretary		0.859 Years		
	A52	TENERA	M020	MANAGERS (GRADE 69 - 72)	KB50S B707 Eng Envir. Sftv & Quality	Linear	143,023.50	Dollars
Factors	90	Dollars/Hr		1 Industrial Safetv Mar (Wescoat)		0.859 years	1850 hours	
	A53	E-2	E050	ENVIRONMENTAL ENGINEERS	KB50S B707 Eng Envir. Sftv & Quality	Linear	64,167.30	Dollars
Factors	900	hrs/vr		1 Chemical Coord (Greaorv-Frost)		83 \$/hr	0.859 years	
	A53	E-2	M020	MANAGERS (GRADE 69 - 72)	KB50S B707 Eng Envir. Sftv & Quality	Linear	143,023.50	Dollars
Factors	90	Dollars/Hr		1 Nuclear Safetv Mar (Carman)		0.859 years	1850 hours	
	A55	SOURCE ONE	P170	OTHER ADMINISTRATIVE & PROFE	KB10S B707 Program Management	Linear	52,441.95	Dollars
Factors	55	Dollars/Hr		0.6 Nuc Crit/WSRIC Doc Cntrl Specialists		0.859 years	1850 hours	
	A5H	SUBCONTRACTED SRVS	E050	ENVIRONMENTAL ENGINEERS	KB50S B707 Eng Envir. Sftv & Quality	Linear	139,029.20	Dollars
Factors	1950	hrs/vr		1 Environmental Coord (Garcia)		83 \$/hr	0.859 years	

Line Item 2 - B707 Project Wide Engineering Services

BOE
 Estimators Experience - project manager's recent experience on ESS&Q requirements on the B707 project and other projects at RFETS.
 Experience Item Desc - EES&Q consists of management and support of EES&Q, RAD Protection, Industrial Safety, Nuclear Safety, Environmental Safety, Chief Engineer, and core project wide engineering services.
 Breakdown of Cost Data:
 Item - Labor for ESS&Q management and support for B707 project.
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources		Cost Element	Code	Skill	Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E110	QUALITY CONTROL ENGINEERS	KB50S B707 Eng Envir. Sftv & Quality	Linear	397.29	Hours
Factors	1850	hours/year		0.25 QA engineering		0.859 years		
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	KB50S B707 Eng Envir. Sftv & Quality	Linear	397.29	Hours
Factors	1850	hours/year		0.25 IH&S engineer		0.859 years		
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	KB50S B707 Eng Envir. Sftv & Quality	Linear	1,589.15	Hours
Factors	1850	Hours/year		1 Environmental Safetv engineer		0.859 years		
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	K266S Envir. Safetv. Health & Quality	Linear	397.29	Hours
Factors	1850	hours/year		0.25 SMEs from Spears		0.859 years		
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	KB50S B707 Eng Envir. Sftv & Quality	Linear	794.58	Hours
Factors	1850	hours/year		0.5 non-project specific engineering		0.859 years		

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750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	KB50S	B707 Eng Envir. Sftv & Quality	Linear	1,589.15	Hours
<i>Factors</i>	1850 Hours/Year	1	RADCON engineer	0.859	years			

Line Item 3 - B707 EES&Q Supplies & Travel

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Supplies and travel.
 Breakdown of Cost Data:
 Item - B707 ESS&Q supplies and travel.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
A5C SUPPLIES	0000 NONE	KB50S B707 Eng Envir. Sftv & Quality	Linear	30,065.00	Dollars
<i>Factors</i>	700 \$/person/year	50 people	0.859	years	
A5M TRAVEL/TRAIN/RELOCAT	0000 NONE	KB50H B707 Eng Envir. Sftv & Quality	Linear	10,308.00	Dollars
<i>Factors</i>	2000 Dollars/trip	6 trips/year	0.859	years	

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	27,839.68	Dollars
<i>Factors</i>	27839.7 Dollars				
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	20,012.75	Dollars
<i>Factors</i>	20012.8 Dollars				

Activity ID: 1BAEE1010 Description: B707 EES&Q Support Phase 2

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	B707 Engineering Management	0.88	each		20.951	18.436	827.851	798.204	0	1,626.055	326.449	1,952.504
2	B707 Project Wide Engineering Services	0.50	each		9.019	4.509	158.321	0	0	158.321	62.431	220.752
3	B707 EES&Q Supplies & Travel	0.50	each		0	0	0	27.750	0	27.750	0	27.750
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	245.954	245.954	0	245.954
Total for Activity 1BAEE1010:						22.946	986.171	825.954	245.954	2,058.079	388.880	2,446.959

Line Item 1 - B707 Engineering Management

BOE
 Estimators Experience - project manager's recent experience on ESS&Q requirements on the B707 project and other projects at RFETS.
 Experience Item Desc - EES&Q consists of management and support of EES&Q, RAD Protection, Industrial Safety, Nuclear Safety, Environmental Safety, Chief Engineer, and core project wide engineering services.
 Breakdown of Cost Data:
 Item - Labor for ESS&Q management and support for B707 project.
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	E120 SAFETY ENGINEERS	S100S SSOC Salaried	Linear	4,162.50	Hours
<i>Factors</i>	1850 Hours/Year	1.5 Crit Safetv Officers (Swartz)	1.5	years	
750 STRAIGHT TIME BASE	G040 SECRETARIES	KB50S B707 Eng Envir. Sftv & Quality	Linear	2,775.00	Hours
<i>Factors</i>	1850 Hrs/Year	1 Secretary	1.5	Years	
750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB50S B707 Eng Envir. Sftv & Quality	Linear	2,775.00	Hours
<i>Factors</i>	1850 Hours/Year	1 Environ Safetv Mgr (Lavorato)	1.5	years	
750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB50S B707 Eng Envir. Sftv & Quality	Linear	2,775.00	Hours
<i>Factors</i>	1850 Hours/Year	1 Chief Engineer (Gilmour)	1.5	Years	

WBS No: 1BAA
 Activity ID: 1BAAEE1010

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Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB50S	B707 Enq Envir. Sftv & Quality	Linear	2,775.00	Hours
Factors	1850 Hrs/Year		1 EES&Q Manager (Snvdr)		1.5 Years			
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	S100S	SSOC Salaried	Linear	2,775.00	Hours
Factors	1850 Hours/Year		1 Rad Protection Mar (Davidson)		1.5 years			
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	S100S	SSOC Salaried	Linear	2,775.00	Hours
Factors	1850 Hours/year		1 Qual & Compl Proq Mar (Fisher)		1.5 years			
751	OVERTIME BASE & PRE.	G040	SECRETARIES	KB50S	B707 Enq Envir. Sftv & Quality	Linear	138.00	Hours
Factors	92 Hrs/Year		1 Secretary		1.5 Years			
A52	TENERA	M020	MANAGERS (GRADE 69 - 72)	KB50S	B707 Enq Envir. Sftv & Quality	Linear	230,325.00	Dollars
Factors	83 Dollars/Hr		1 Industrial Safetv Mar (Wescoat)		1.5 years	1850 hours		
A53	E-2	E050	ENVIRONMENTAL ENGINEERS	KB50S	B707 Enq Envir. Sftv & Quality	Linear	112,050.00	Dollars
Factors	900 hrs/vr		1 Chemical Coord (Greaorv-Frost)		83 \$/hr	1.5 years		
A53	E-2	M020	MANAGERS (GRADE 69 - 72)	KB50S	B707 Enq Envir. Sftv & Quality	Linear	230,325.00	Dollars
Factors	83 Dollars/Hr		1 Nuclear Safetv Mar (Carman)		1.5 years	1850 hours		
A55	SOURCE ONE	P170	OTHER ADMINISTRATIVE & PROFE	KB10S	B707 Program Management	Linear	91,575.00	Dollars
Factors	55 \$/hr		0.6 Nuc Crit/WSRIC Doc Cntrl Specialists		1.5 years	1850 hours		
A5H	SUBCONTRACTED SRVS	E050	ENVIRONMENTAL ENGINEERS	KB50S	B707 Enq Envir. Sftv & Quality	Linear	242,775.00	Dollars
Factors	1950 hrs/vr		1 Environmental Coord (Garcia)		83 \$/hr	1.5 years		

Line Item 2 - B707 Project Wide Engineering Services

BOE
 Estimators Experience - project manager's recent experience on ESS&Q requirements on the B707 project and other projects at RFETS.
 Experience Item Desc - EES&Q consists of management and support of EES&Q, RAD Protection, Industrial Safety, Nuclear Safety, Environmental Safety, Chief Engineer, and core project wide engineering services.
 Breakdown of Cost Data:
 Item - Labor for ESS&Q management and support for B707 project.
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	E110 QUALITY CONTROL ENGINEERS	K266S Envir. Safetv. Health & Quality	Linear	693.75	Hours
Factors	1850 hours/vr	0.25 SME Spears support		1.5 years	
750 STRAIGHT TIME BASE	E110 QUALITY CONTROL ENGINEERS	KB50S B707 Enq Envir. Sftv & Quality	Linear	693.75	Hours
Factors	1850 hours/vr	0.25 QA enor		1.5 years	
750 STRAIGHT TIME BASE	E120 SAFETY ENGINEERS	KB50S B707 Enq Envir. Sftv & Quality	Linear	2,775.00	Hours
Factors	1850 hours/vr	1 RADCON enor		1.5 years	
750 STRAIGHT TIME BASE	E120 SAFETY ENGINEERS	KB50S B707 Enq Envir. Sftv & Quality	Linear	693.75	Hours
Factors	1850 hours/vr	0.25 IH&S enor		1.5 years	
750 STRAIGHT TIME BASE	E120 SAFETY ENGINEERS	KB50S B707 Enq Envir. Sftv & Quality	Linear	2,775.00	Hours
Factors	1850 Hours/vr	1 Envir. Safetv Enor		1.5 years	
750 STRAIGHT TIME BASE	E130 OTHER ENGINEERS	KB50S B707 Enq Envir. Sftv & Quality	Linear	1,387.50	Hours
Factors	1850 hours/vr	0.5 Non-project specific ena		1.5 years	

Line Item 3 - B707 EES&Q Supplies & Travel

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Supplies and travel.
 Breakdown of Cost Data:
 Item - B707 ESS&Q supplies and travel.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1BAA
 Activity ID: 1BAEEE1010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter *

Starts In FY *

A5C	SUPPLIES	0000	NONE	KB50S	B707 Eng Envir. Sftv & Quality	Linear	37,500.00	Dollars
Factors	500	\$/person/year	50	people	1.5	years		
A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	KB50S	B707 Eng Envir. Sftv & Quality	Linear	18,000.00	Dollars
Factors	2000	\$/trip	6	trips/year	1.5	years		

Line Item SYS - Contingency And Escalation

BOE

Resources

<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	162,653.90	Dollars
Factors	162654	Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	83,299.70	Dollars
Factors	83299.7	Dollars						

Activity ID: 1BAEEE1020 Description: B707 EES&Q Support Phase 3

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	B707 Engineering Management	1.00	each		10.314	10.314	478,207	955,165	0	1,433,372	151,788	1,585,160
3	B707 EES&Q Supplies	1.00	each		0	0	0	27,875	0	27,875	0	27,875
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	385,117	385,117	0	385,117
Total for Activity 1BAEEE1020:						10.314	478,207	983,040	385,117	1,846,364	151,788	1,998,153

Line Item 1 - B707 Engineering Management

BOE

Estimators Experience - project manager's recent experience on ESS&Q requirements on the B707 project and other projects at RFETS.
 Experience Item Desc - EES&Q consists of management and support of EES&Q, RAD Protection, Industrial Safety, Nuclear Safety, Environmental Safety, Chief Engineer, and core project wide engineering services.
 Breakdown of Cost Data:
 Item - Labor for ESS&Q management and support for B707 project.
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources

<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
750	STRAIGHT TIME BASE	G040	SECRETARIES	KB50S	B707 Eng Envir. Sftv & Quality	Linear	2,062.75	Hours
Factors	1850	Hrs/Year	1	Secretary	2.23	Years		
	0.5	Ramp Down						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB50S	B707 Eng Envir. Sftv & Quality	Linear	2,062.75	Hours
Factors	1850	Hours/Year	1	Environ Safety Mgr (Lavorato)	2.23	years		
	0.5	Ramp Down						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB50S	B707 Eng Envir. Sftv & Quality	Linear	2,062.75	Hours
Factors	1850	Hours/Year	1	Chief Engineer (Gilmour)	2.23	Years		
	0.5	Ramp Down						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB50S	B707 Eng Envir. Sftv & Quality	Linear	2,062.75	Hours
Factors	1850	Hrs/Year	0.5	EES&Q Manager (Snyder)	2.23	Years		
	0.5	Ramp Down						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	S100S	SSOC Salaried	Linear	2,062.75	Hours
Factors	1850	Hours/year	1	Qual & Compl Proq Mgr (Fisher)	2.23	years		
	0.5	Ramp Down						
A52	TENERA	M020	MANAGERS (GRADE 69 - 72)	KB50S	B707 Eng Envir. Sftv & Quality	Linear	171,208.30	Dollars
Factors	83	Dollars/Hr	1	Industrial Safety Mgr (Wescoat)	2.23	years	1850	hours
	0.5	Ramp Down						
A53	E-2	E050	ENVIRONMENTAL ENGINEERS	KB50S	B707 Eng Envir. Sftv & Quality	Linear	166,581.00	Dollars
Factors	900	hrs/vr	1	Chemical Coord (Gregory-Frost)	83	\$/hr	2.23	years
A55	SOURCE ONE	P170	OTHER ADMINISTRATIVE & PROFE	KB10S	B707 Program Management	Linear	136,141.50	Dollars
Factors	55	\$/hr	0.6	Nuc Crit/WSRIC Doc Cntrl Specialists	2.23	years	1850	hours
A5H	SUBCONTRACTED SRVS	E050	ENVIRONMENTAL ENGINEERS	KB50S	B707 Eng Envir. Sftv & Quality	Linear	180,462.80	Dollars
Factors	1950	hrs/vr	0.5	Environmental Coord (Garcia)	83	\$/hr	2.23	years

WBS No: 1BAA
Activity ID: 1BAEE1020

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project: Baseline Devl
WBS Filter: 1BAA
Activity Filter: *
Starts In FY: *

A5H	SUBCONTRACTED SRVS	M020	MANAGERS (GRADE 69 - 72)	KB50S	B707 Eng Envir. Sftv & Quality	Front Loaded	300.771.30	Dollars
<i>Factors</i>	1625 hrs/vr	1	Nuclear Safetv	83	\$/hr	2.23 years		

Line Item 3 - B707 EES&Q Supplies

BOE
Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
Experience Item Desc - Supplies and travel.
Breakdown of Cost Data:
Item - B707 ESS&Q supplies and travel.
Units - 1 lot
Unit Cost - See Resource Loading.
Unit Cost Adjustment factor - NA
Revised Unit Cost - NA
Basis for adjustment - NA

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
A5C SUPPLIES	0000 NONE	KB50S B707 Eng Envir. Sftv & Quality	Linear	27.875.00	Dollars
<i>Factors</i>	500 \$/person/year	50 people	2.23 years	0.5	Ramp Down

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	235.855.80	Dollars
<i>Factors</i>	235856 Dollars				
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	149.261.60	Dollars
<i>Factors</i>	149262 Dollars				

Activity ID: 1BAEE1030 Description: B707 EES&Q Support Phase 4 Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	B707 Engineering Management	1.00	each		1.443	1.443	68.610	79.690	0	148.300	23.876	172.176
3	B707 EES&Q Supplies	1.00	each		0	0	0	7.150	0	7.150	0	7.150
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	95.686	95.686	0	95.686
Total for Activity 1BAEE1030:						1.443	68.610	86.840	95.686	251.136	23.876	275.012

Line Item 1 - B707 Engineering Management

BOE
Estimators Experience - project manager's recent experience on ESS&Q requirements on the B707 project and other projects at RFETS.
Experience Item Desc - EES&Q consists of management and support of EES&Q, RAD Protection, Industrial Safety, Nuclear Safety, Environmental Safety, Chief Engineer, and core project wide engineering services.
Breakdown of Cost Data:
Item - Labor for ESS&Q management and support for B707 project.
Units - 1 lot
Unit Cost - See Resource Loading - this support is provided by both direct and subcontracted labor with a variety of billing rates.
Unit Cost Adjustment factor - NA
Revised Unit Cost - NA
Basis for adjustment - NA
Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	G040 SECRETARIES	KB50S B707 Eng Envir. Sftv & Quality	Linear	240.50	Hours
<i>Factors</i>	1850 Hrs/Year	1 Secretary	0.52 Years		
	0.25 Ramp Down				
750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB50S B707 Eng Envir. Sftv & Quality	Linear	240.50	Hours
<i>Factors</i>	1850 Hours/Year	1 Environ Safety Mgr (Lavorato)	0.52 years		
	0.25 Ramp Down				
750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB50S B707 Eng Envir. Sftv & Quality	Linear	240.50	Hours
<i>Factors</i>	1850 Hours/Year	1 Chief Engineer (Gilmour)	0.52 Years		
	0.25 Ramp Down				
750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB50S B707 Eng Envir. Sftv & Quality	Linear	481.00	Hours
<i>Factors</i>	1850 Hrs/Year	0.5 EES&Q Manager (Snyder)	0.52 Years		

WBS No: 1BAA
 Activity ID: 1BAAEE1030

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter * Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	S100S	SSOC Salaried	Linear	240.50	Hours
<i>Factors</i>		1850	Hours/year	1	Qual & Compl Proq Mar (Fisher)	0.52	years	
	0.25	Ramp Down						
A52	TENERA	M020	MANAGERS (GRADE 69 - 72)	KB50S	B707 Eng Envir. Sftv & Quality	Linear	19,961.50	Dollars
<i>Factors</i>		83	Dollars/Hr	1	Industrial Safetv Mar (Wescoat)	0.52	years	1850 hours
	0.25	Ramp Down						
A53	E-2	E050	ENVIRONMENTAL ENGINEERS	KB50S	B707 Eng Envir. Sftv & Quality	Linear	9,711.00	Dollars
<i>Factors</i>		900	hrs/vr	1	Chemical Coord (Greaory-Frost)	83	\$/hr	0.52 years
	0.25	Ramp Down						
A55	SOURCE ONE	P170	OTHER ADMINISTRATIVE & PROFE	KB10S	B707 Program Management	Linear	7,936.50	Dollars
<i>Factors</i>		55	\$/hr	0.6	Nuc Crit Doc Cntrl Specialists	0.52	years	1850 hours
	0.25	Ramp Down						
A5H	SUBCONTRACTED SRVS	E050	ENVIRONMENTAL ENGINEERS	KB50S	B707 Eng Envir. Sftv & Quality	Linear	42,081.00	Dollars
<i>Factors</i>		1950	hrs/vr	0.5	Environmental Coord (Garcia)	83	\$/hr	0.52 years

Line Item 3 - B707 EES&Q Supplies

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Supplies and travel.
 Breakdown of Cost Data:
 Item - B707 ESS&Q supplies and travel.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
A5C	SUPPLIES	0000	NONE	KB50S	B707 Eng Envir. Sftv & Quality	Linear	7,150.00	Dollars
<i>Factors</i>		500	\$/person/year	50	people	0.52	years	0.55 Ramp Down

Line Item SYS - Contingency And Escalation

<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	67,906.02	Dollars
<i>Factors</i>		67906.0	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	27,780.38	Dollars
<i>Factors</i>		27780.4	Dollars					

Activity ID: 1BAAEEMT00 Description: B707 BIO Maintenance FY00

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
T5	Rad Ops Training Attendance	1.00	each	HC	2,167	2,167	44,969	0	0	44,969	21,945	66,914
Total for Activity 1BAAEEMT00:						2,167	44,969	0	0	44,969	21,945	66,914

Line Item T5 - Rad Ops Training Attendance

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which only consists of Rad Ops Training Attendance in FY00.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KB50H	B707 Eng Envir. Sftv & Quality	Linear	2,167.20	Hours
<i>Factors</i>		60	people	100	hours/year	0.3612	years	

Activity ID: 1BAAEEMT01 Description: B707 BIO Maintenance FY01

Cost Risk 1 Schedule Risk 1

WBS No: 1BAA
 Activity ID: 1BAAEEMT01

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter *

Starts In FY *

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	BIO Scope Meeting	0.88	each	EE	80	70	2,805	13,728	0	16,533	1,338	17,871
2	Management Review/Ind Ver Review	0.88	each	EE	0	0	0	10,560	0	10,560	0	10,560
3	Annual Update & AB Maintenance	0.88	each	EE	2,426	2,135	94,330	163,680	0	258,010	44,995	303,005
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	27,261	27,261	0	27,261
T5	Rad Ops Training Attendance	1.00	each	HC	6,000	6,000	124,500	0	0	124,500	59,387	183,887
Total for Activity 1BAAEEMT01:						8,205	221,634	187,968	27,261	436,863	105,720	542,583

Line Item 1 - BIO Scope Meeting

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independent Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB50S B707 Env Envir. Sftv & Quality	Linear	40.00	Hours
Factors 40 hours	1 week/vr	1 vr			
750 STRAIGHT TIME BASE	P170 OTHER ADMINISTRATIVE & PROFE	KB50S B707 Env Envir. Sftv & Quality	Linear	40.00	Hours
Factors 40 hours	1 week/vr	1 vr			
A5H SUBCONTRACTED SRVS	E080 NUCLEAR (CRITICALITY) ENGINEER	KB50S B707 Env Envir. Sftv & Quality	Linear	9.600.00	Dollars
Factors 40 hours	120 \$/hr	2 crit enq	1 week/vr		
1 vr					
A5H SUBCONTRACTED SRVS	G010 ADMINISTRATIVE ASSISTANTS	KB50S B707 Env Envir. Sftv & Quality	Linear	2.600.00	Dollars
Factors 40 hours	65 \$/hr	1 week/vr	1 vr		
A5H SUBCONTRACTED SRVS	P170 OTHER ADMINISTRATIVE & PROFE	KB50S B707 Env Envir. Sftv & Quality	Linear	3.400.00	Dollars
Factors 40 hours	85 \$/hr	1 week/vr	1 vr		

Line Item 2 - Management Review/Ind Ver Review

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independent Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
A5H SUBCONTRACTED SRVS	E080 NUCLEAR (CRITICALITY) ENGINEER	KB50S B707 Env Envir. Sftv & Quality	Linear	12.000.00	Dollars
Factors 50 hours/vr	120 \$/hr	2 crit enqs	1 vr		

Line Item 3 - Annual Update & AB Maintenance

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independent Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA

WBS No: 1BAA
 Activity ID: 1BAAEEMT01

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project: Baseline Devl
 WBS Filter: 1BAA
 Activity Filter: *

Starts In FY *

Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	E120 SAFETY ENGINEERS	KB50S B707 Env Envir. Sftv & Quality	Linear	1,213.00	Hours
	Factors 1213 hours/year	1 vrs				
	750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB50S B707 Env Envir. Sftv & Quality	Linear	1,213.00	Hours
	Factors 1213 hours/year	1 vrs				
	A5H SUBCONTRACTED SRVS	E120 SAFETY ENGINEERS	KB50S B707 Env Envir. Sftv & Quality	Linear	76,500.00	Dollars
	Factors 850 hours/year	90 \$/hr	1 vrs			
	A5H SUBCONTRACTED SRVS	P160 TECHNICAL WRITERS AND EDITOR	KB50S B707 Env Envir. Sftv & Quality	Linear	67,500.00	Dollars
	Factors 1350 hours/year	50 \$/hr	1 vrs			
	A5H SUBCONTRACTED SRVS	P170 OTHER ADMINISTRATIVE & PROFF	KB50S B707 Env Envir. Sftv & Quality	Linear	42,000.00	Dollars
	Factors 600 hours/year	70 \$/hr	1 vrs			

Line Item SYS - Contingency And Escalation

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	16,424.56	Dollars
	Factors 16424.6 Dollars					
	ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	10,836.07	Dollars
	Factors 10836.1 Dollars					

Line Item T5 - Rad Ops Training Attendance

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independant Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	KB50H B707 Env Envir. Sftv & Quality	Linear	6,000.00	Hours
	Factors 60 people	100 hours/year				

Activity ID: 1BAAEEMT02 Description: B707 BIO Maintenance FY02

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	BIO Scope Meeting	0.78	each	EE	80	62	2,486	12,168	0	14,654	878	15,532
2	Management Review/Ind Ver Review	0.78	each	EE	0	0	0	9,360	0	9,360	0	9,360
3	Annual Update & AB Maintenance	0.78	each	EE	2,426	1,892	83,610	145,080	0	228,690	29,514	258,205
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	64,804	64,804	0	64,804
T5	Rad Ops Training Attendance	0.90	each	HC	6,000	5,400	112,050	0	0	112,050	39,554	151,604
Total for Activity 1BAAEEMT02:						7,355	198,146	166,608	64,804	429,559	69,946	499,504

Line Item 1 - BIO Scope Meeting

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independant Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

WBS No: 1BAA
 Activity ID: 1BAAEEMT02

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter *

Starts In FY *

Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB50S B707 Eng Envir. Sftv & Quality	Linear	40.00	Hours
Factors 40 hours	1 week/vr	1 vr			
750 STRAIGHT TIME BASE	P170 OTHER ADMINISTRATIVE & PROFE	KB50S B707 Eng Envir. Sftv & Quality	Linear	40.00	Hours
Factors 40 hours	1 week/vr	1 vr			
A5H SUBCONTRACTED SRVS	E080 NUCLEAR (CRITICALITY) ENGINEER	KB50S B707 Eng Envir. Sftv & Quality	Linear	9.600.00	Dollars
Factors 40 hours	120 \$/hr	2 crit eng	1 week/vr		
1 vr					
A5H SUBCONTRACTED SRVS	G010 ADMINISTRATIVE ASSISTANTS	KB50S B707 Eng Envir. Sftv & Quality	Linear	2.600.00	Dollars
Factors 40 hours	65 \$/hr	1 week/vr	1 vr		
A5H SUBCONTRACTED SRVS	P170 OTHER ADMINISTRATIVE & PROFE	KB50S B707 Eng Envir. Sftv & Quality	Linear	3.400.00	Dollars
Factors 40 hours	85 \$/hr	1 week/vr	1 vr		

Line Item 2 - Management Review/Ind Ver Review

BOE

Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independant Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
A5H SUBCONTRACTED SRVS	E080 NUCLEAR (CRITICALITY) ENGINEER	KB50S B707 Eng Envir. Sftv & Quality	Linear	12.000.00	Dollars
Factors 50 hours/vr	120 \$/hr	2 crit engs	1 vr		

Line Item 3 - Annual Update & AB Maintenance

BOE

Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independant Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	E120 SAFETY ENGINEERS	KB50S B707 Eng Envir. Sftv & Quality	Linear	1,213.00	Hours
Factors 1213 hours/year	1 vrs				
750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB50S B707 Eng Envir. Sftv & Quality	Linear	1,213.00	Hours
Factors 1213 hours/year	1 vrs				
A5H SUBCONTRACTED SRVS	E120 SAFETY ENGINEERS	KB50S B707 Eng Envir. Sftv & Quality	Linear	76.500.00	Dollars
Factors 850 hours/year	90 \$/hr	1 vrs			
A5H SUBCONTRACTED SRVS	P160 TECHNICAL WRITERS AND EDITOR	KB50S B707 Eng Envir. Sftv & Quality	Linear	67.500.00	Dollars
Factors 1350 hours/year	50 \$/hr	1 vrs			
A5H SUBCONTRACTED SRVS	P170 OTHER ADMINISTRATIVE & PROFE	KB50S B707 Eng Envir. Sftv & Quality	Linear	42.000.00	Dollars
Factors 600 hours/year	70 \$/hr	1 vrs			

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1BAA
 Activity ID: 1BAAEEMT02

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter *

Starts In FY *

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	44,490.20	Dollars
<i>Factors</i> 44490.2 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	20,314.16	Dollars
<i>Factors</i> 20314.2 Dollars								

Line Item T5 - Rad Ops Training Attendance

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independant Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KB50H B707 Eng Envir. Sfty & Quality	Linear	6,000.00	Hours
<i>Factors</i> 60 people 100 hours/year							

Activity ID: 1BAAEEMT03 Description: B707 BIO Maintenance FY03

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	BIO Scope Meeting	0.38	each	EE	80	30	1,211	5,928	0	7,139	419	7,558
2	Management Review/Ind Ver Review	0.38	each	EE	0	0	0	4,560	0	4,560	0	4,560
3	Annual Update & AB Maintenance	0.38	each	EE	2,426	922	40,733	70,680	0	111,413	14,094	125,507
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	61,233	61,233	0	61,233
T5	Rad Ops Training Attendance	0.50	each	HC	6,000	3,000	62,250	0	0	62,250	21,539	83,789
Total for Activity 1BAAEEMT03:						3,952	104,194	81,168	61,233	246,595	36,051	282,646

Line Item 1 - BIO Scope Meeting

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independant Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB50S B707 Eng Envir. Sfty & Quality	Linear	40.00	Hours
<i>Factors</i> 40 hours 1 week/vr							
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	KB50S B707 Eng Envir. Sfty & Quality	Linear	40.00	Hours
<i>Factors</i> 40 hours 1 week/vr							
A5H	SUBCONTRACTED SRVS	E080	NUCLEAR (CRITICALITY) ENGINEER	KB50S B707 Eng Envir. Sfty & Quality	Linear	9,600.00	Dollars
<i>Factors</i> 40 hours 120 \$/hr 2 crit enq 1 week/vr							
A5H	SUBCONTRACTED SRVS	G010	ADMINISTRATIVE ASSISTANTS	KB50S B707 Eng Envir. Sfty & Quality	Linear	2,600.00	Dollars
<i>Factors</i> 40 hours 65 \$/hr 1 week/vr 1 vr							
A5H	SUBCONTRACTED SRVS	P170	OTHER ADMINISTRATIVE & PROFE	KB50S B707 Eng Envir. Sfty & Quality	Linear	3,400.00	Dollars
<i>Factors</i> 40 hours 85 \$/hr 1 week/vr 1 vr							

Line Item 2 - Management Review/Ind Ver Review

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independant Verification Review, Annual Update & AB

WBS No: 1BAA
 Activity ID: 1BAAEEMT03

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project: Baseline Devl
 WBS Filter: 1BAA
 Activity Filter: *

Starts In FY *

Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	A5H SUBCONTRACTED SRVS	E080 NUCLEAR (CRITICALITY) ENGINEER	KB50S B707 Env Envr. Sftv & Qualiv	Linear	12.000.00	Dollars
	Factors 50 hours/vr	120 \$/hr	2 crit enas	1 vr		

Line Item 3 - Annual Update & AB Maintenance

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independant Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	E120 SAFETY ENGINEERS	KB50S B707 Env Envr. Sftv & Quality	Linear	1.213.00	Hours
	Factors 1213 hours/year	1 vrs				
	750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB50S B707 Env Envr. Sftv & Quality	Linear	1.213.00	Hours
	Factors 1213 hours/year	1 vrs				
	A5H SUBCONTRACTED SRVS	E120 SAFETY ENGINEERS	KB50S B707 Env Envr. Sftv & Quality	Linear	76.500.00	Dollars
	Factors 850 hours/year	90 \$/hr	1 vrs			
	A5H SUBCONTRACTED SRVS	P160 TECHNICAL WRITERS AND EDITOR	KB50S B707 Env Envr. Sftv & Quality	Linear	67.500.00	Dollars
	Factors 1350 hours/year	50 \$/hr	1 vrs			
	A5H SUBCONTRACTED SRVS	P170 OTHER ADMINISTRATIVE & PROFE	KB50S B707 Env Envr. Sftv & Quality	Linear	42.000.00	Dollars
	Factors 600 hours/year	70 \$/hr	1 vrs			

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	44.253.45	Dollars
	Factors 44253.5 Dollars					
	ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	16.979.17	Dollars
	Factors 16979.2 Dollars					

Line Item T5 - Rad Ops Training Attendance

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independant Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1BAA
 Activity ID: 1BAAEEMT03

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project: Baseline Devl
 WBS Filter: 1BAA
 Activity Filter: *

Starts In FY: *

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KB50H	B707 Eng Envir. Sftv & Quality	Linear	6,000.00	Hours
<i>Factors</i>	60 people		100 hours/year					

Activity ID: 1BAAEEMT04 Description: B707 BIO Maintenance FY04 Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	BIO Scope Meeting	0.33	each	EE	80	26	1,052	5,148	0	6,200	297	6,496
2	Management Review/Ind Ver Review	0.33	each	EE	0	0	0	3,960	0	3,960	0	3,960
3	Annual Update & AB Maintenance	0.33	each	EE	2,426	801	35,374	61,380	0	96,754	9,975	106,729
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	26,937	26,937	0	26,937
T5	Rad Ops Training Attendance	0.45	each	HC	6,000	2,700	56,025	0	0	56,025	15,799	71,824
Total for Activity 1BAAEEMT04:						3,527	92,450	70,488	26,937	189,875	26,071	215,946

Line Item 1 - BIO Scope Meeting

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independant Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB50S B707 Eng Envir. Sftv & Quality	Linear	40.00	Hours
<i>Factors</i>	40 hours	1 week/vr	1 vr		
750 STRAIGHT TIME BASE	P170 OTHER ADMINISTRATIVE & PROFE	KB50S B707 Eng Envir. Sftv & Quality	Linear	40.00	Hours
<i>Factors</i>	40 hours	1 week/vr	1 vr		
A5H SUBCONTRACTED SRVS	E080 NUCLEAR (CRITICALITY) ENGINEER	KB50S B707 Eng Envir. Sftv & Quality	Linear	9,600.00	Dollars
<i>Factors</i>	40 hours	120 \$/hr	2 crit enq	1 week/vr	
1 vr					
A5H SUBCONTRACTED SRVS	G010 ADMINISTRATIVE ASSISTANTS	KB50S B707 Eng Envir. Sftv & Quality	Linear	2,600.00	Dollars
<i>Factors</i>	40 hours	65 \$/hr	1 week/vr	1 vr	
A5H SUBCONTRACTED SRVS	P170 OTHER ADMINISTRATIVE & PROFE	KB50S B707 Eng Envir. Sftv & Quality	Linear	3,400.00	Dollars
<i>Factors</i>	40 hours	85 \$/hr	1 week/vr	1 vr	

Line Item 2 - Management Review/Ind Ver Review

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independant Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
A5H SUBCONTRACTED SRVS	E080 NUCLEAR (CRITICALITY) ENGINEER	KB50S B707 Eng Envir. Sftv & Quality	Linear	12,000.00	Dollars
<i>Factors</i>	50 hours/vr	120 \$/hr	2 crit enqs	1 vr	

Line Item 3 - Annual Update & AB Maintenance

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independant Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance

WBS No: 1BAA
 Activity ID: 1BAAEEMT04

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project: Baseline Devl
 WBS Filter: 1BAA
 Activity Filter: *

Starts In FY *

Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	E120 SAFETY ENGINEERS	KB50S B707 Ena Envir. Sftv & Quality	Linear	1.213.00	Hours
Factors	1213 hours/year	1 vrs				
	750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB50S B707 Ena Envir. Sftv & Quality	Linear	1.213.00	Hours
Factors	1213 hours/year	1 vrs				
	A5H SUBCONTRACTED SRVS	E120 SAFETY ENGINEERS	KB50S B707 Ena Envir. Sftv & Quality	Linear	76.500.00	Dollars
Factors	850 hours/year	90 \$/hr	1 vrs			
	A5H SUBCONTRACTED SRVS	P160 TECHNICAL WRITERS AND EDITOR	KB50S B707 Ena Envir. Sftv & Quality	Linear	67.500.00	Dollars
Factors	1350 hours/year	50 \$/hr	1 vrs			
	A5H SUBCONTRACTED SRVS	P170 OTHER ADMINISTRATIVE & PROFF	KB50S B707 Ena Envir. Sftv & Quality	Linear	42.000.00	Dollars
Factors	600 hours/year	70 \$/hr	1 vrs			

Line Item SYS - Contingency And Escalation

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	8.788.59	Dollars
Factors	8788.6 Dollars					
	ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	18.147.98	Dollars
Factors	18148 Dollars					

Line Item T5 - Rad Ops Training Attendance

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independant Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	KB50H B707 Ena Envir. Sftv & Quality	Linear	6.000.00	Hours
Factors	60 people	100 hours/year				

Activity ID: 1BAAEEMT05 Description: B707 BIO Maintenance FY05

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	BIO Scope Meeting	0.33	each	EE	26	9	347	1.699	0	2.046	121	2.167
2	Management Review/Ind Ver Review	0.33	each	EE	0	0	0	1.307	0	1.307	0	1.307
3	Annual Update & AB Maintenance	0.33	each	EE	801	264	11.673	20.255	0	31.929	4.062	35.991
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	21.058	21.058	0	21.058
Total for Activity 1BAAEEMT05:						273	12.020	23.261	21.058	56.339	4.183	60.522

Line Item 1 - BIO Scope Meeting

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independant Verification Review, Annual Update & AB Maintenance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.

WBS No: 1BAA
 Activity ID: 1BAAEEMT05

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project: Baseline Devl
 WBS Filter: 1BAA
 Activity Filter: *

Starts In FY *

Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB50S	B707 Eng Envir. Sftv & Quality	Linear	13.20 Hours
Factors	40 hours		1 week/vr		0.33 vr		
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	KB50S	B707 Eng Envir. Sftv & Quality	Linear	13.20 Hours
Factors	40 hours		1 week/vr		0.33 vr		
A5H	SUBCONTRACTED SRVS	E080	NUCLEAR (CRITICALITY) ENGINEER	KB50S	B707 Eng Envir. Sftv & Quality	Linear	3.168.00 Dollars
Factors	40 hours		120 \$/hr		2 crit ena	1 week/vr	
	0.33 vr						
A5H	SUBCONTRACTED SRVS	G010	ADMINISTRATIVE ASSISTANTS	KB50S	B707 Eng Envir. Sftv & Quality	Linear	858.00 Dollars
Factors	40 hours		65 \$/hr		1 week/vr	0.33 vr	
A5H	SUBCONTRACTED SRVS	P170	OTHER ADMINISTRATIVE & PROFE	KB50S	B707 Eng Envir. Sftv & Quality	Linear	1.122.00 Dollars
Factors	40 hours		85 \$/hr		1 week/vr	0.33 vr	

Line Item 2 - Management Review/Ind Ver Review

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independant Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	E080	NUCLEAR (CRITICALITY) ENGINEER	KB50S	B707 Eng Envir. Sftv & Quality	Linear	3.960.00 Dollars
Factors	50 hours/vr		120 \$/hr		2 crit enas	0.33 vr	

Line Item 3 - Annual Update & AB Maintenance

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - B707 Maintenance activities which includes BIO Scope Meeting, Management Review/Independant Verification Review, Annual Update & AB Maintenance, and Rad Ops Training Attendance.
 Breakdown of Cost Data:
 Item - BIO Maintenance
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	KB50S	B707 Eng Envir. Sftv & Quality	Linear	400.29 Hours
Factors	1213 hours/year		0.33 vrs				
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB50S	B707 Eng Envir. Sftv & Quality	Linear	400.29 Hours
Factors	1213 hours/year		0.33 vrs				
A5H	SUBCONTRACTED SRVS	E120	SAFETY ENGINEERS	KB50S	B707 Eng Envir. Sftv & Quality	Linear	25.245.00 Dollars
Factors	850 hours/year		90 \$/hr		0.33 vrs		
A5H	SUBCONTRACTED SRVS	P160	TECHNICAL WRITERS AND EDITOR	KB50S	B707 Eng Envir. Sftv & Quality	Linear	22.275.00 Dollars
Factors	1350 hours/year		50 \$/hr		0.33 vrs		
A5H	SUBCONTRACTED SRVS	P170	OTHER ADMINISTRATIVE & PROFE	KB50S	B707 Eng Envir. Sftv & Quality	Linear	13.860.00 Dollars
Factors	600 hours/year		70 \$/hr		0.33 vrs		

Line Item SYS - Contingency And Escalation

BOE

WBS No: 1BAA
 Activity ID: 1BAAEEMT05

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter *

Starts In FY *

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	14,944.17	Dollars
	Factors 14944.2 Dollars					
	ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	6,113.66	Dollars
	Factors 6113.67 Dollars					

Activity ID: 1BAAPC1000 Description: Project/Prod Control/Contract Mamt Phase 1

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	B707 Planning Mgr & Proj Controls	1.00	each		2.423	2.423	100.335	450.116	0	550.451	48.324	598.775
2	B707 Production Control	1.00	each		1.589	1.589	41.683	131.899	0	173.583	20.076	193.659
3	B707 Contracts Management	1.00	each		3.178	3.178	112.782	28.766	0	141.548	54.319	195.867
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	28.761	28.761	0	28.761
Total for Activity 1BAAPC1000:						7.191	254.800	610.782	28.761	894.343	122.718	1,017.062

Line Item 1 - B707 Planning Mgr & Proj Controls

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services for B707 Project Control.
 Breakdown of Cost Data:
 Item - B707 Planning Manager & Project Controls.
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Luke Williams in Building 750 at x3389.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	G040 SECRETARIES	KB10S B707 Program Management	Linear	794.58	Hours
	Factors 1850 hours/year 0.5 Secretary 0.859 years					
	750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB10S B707 Program Management	Linear	1.589	15 Hours
	Factors 1850 hours/year 1 Planning Mgr (Williams) 0.859 years					
	751 OVERTIME BASE & PRE.	G040 SECRETARIES	KB10S B707 Program Management	Linear	39.51	Hours
	Factors 92 hours/year 0.5 Secretary 0.859 years					
	A52 TENERA	P070 COST ESTIMATORS PLANNERS AN	KB10S B707 Program Management	Linear	285.188	00 Dollars
	Factors 83 Dollars/hr 2 Cost/Schedule Analvsts 0.859 years 2000 hours/year					
	A5C SUPPLIES	0000 NONE	KB10S B707 Program Management	Linear	6.013	00 Dollars
	Factors 700 \$/person/year 10 people 0.859 years					
	A5H SUBCONTRACTED SRVS	P070 COST ESTIMATORS PLANNERS AN	KB10S B707 Program Management	Linear	158.915	00 Dollars
	Factors 100 Dollars/hr 1 Cost Est. Consultant Studies 0.859 years 1850 hours/year					

Line Item 2 - B707 Production Control

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services for B707 Production Control.
 Breakdown of Cost Data:
 Item - B707 Production Control.
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Luke Williams in Building 750 at x3389.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	P170 OTHER ADMINISTRATIVE & PROFE	S100S SSOC Salaried	Linear	1.589	15 Hours
	Factors 1850 Hours 1 Production Control Analvst 0.859 years					
	A5H SUBCONTRACTED SRVS	M030 MANAGEMENT INTEGRATORS (GR	KB10S B707 Program Management	Linear	131.899	50 Dollars
	Factors 83 \$/hr 1 Production Control Lead (Cappello) 0.859 years 1850 hours					

Line Item 3 - B707 Contracts Management

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.

WBS No: 1BAA
 Activity ID: 1BAAPC100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter *

Starts In FY *

Experience Item Desc - Provides services for B707 Contract Management.
 Breakdown of Cost Data:
 Item - B707 Contract Management.
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Luke Williams in Building 750 at x3389.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units		
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K216S	Subcontracts Management	Linear	1,589.15	Hours
Factors	1850	hours/year	1	Lead Subcontract Rep (Loudenbura)	0.859	years		
750	STRAIGHT TIME BASE	P030	BUYERS PROCUREMENT AND CON	K216S	Subcontracts Management	Linear	1,589.15	Hours
Factors	1850	Hours/year	1	Subcontract Admin. (Ryken)	0.859	years		
A5H	SUBCONTRACTED SRVS	P030	BUYERS PROCUREMENT AND CON	K216S	Subcontracts Management	Linear	28,766.19	Dollars
Factors	728	hrs/vr	1	Subcontract Admin. (Murray)	46	\$/hr	0.859	years

Line Item SYS - Contingency And Escalation

Resources	Cost Element	Skill	Department	Curve	Quantity	Units		
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	16,732.67	Dollars
Factors	16732.7	Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	12,028.40	Dollars
Factors	12028.4	Dollars						

Activity ID: 1BAAPC1010

Description: Project/Prod Control/Contract Mgmt Phase 2

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	B707 Planning Mgr & Proj Controls	1.00	each		4.163	4.163	173.340	606.000	0	779.340	68.354	847.694
2	B707 Production Control	1.00	each		1.387	1.387	36.394	115.162	0	151.557	14.803	166.359
3	B707 Contracts Management	1.00	each		5.550	5.550	196.942	50.232	0	247.174	77.661	324.834
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	148.543	148.543	0	148.543
Total for Activity 1BAAPC1010:						11.100	406.676	771.395	148.543	1,326.614	160.817	1,487.431

Line Item 1 - B707 Planning Mgr & Proj Controls

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services for B707 Project Control.
 Breakdown of Cost Data:
 Item - B707 Planning Manager & Project Controls.
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Luke Williams in Building 750 at x3389.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units		
750	STRAIGHT TIME BASE	G040	SECRETARIES	KB10S	B707 Program Management	Linear	1,387.50	Hours
Factors	1850	hours/year	0.5	Secretary	1.5	years		
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB10S	B707 Program Management	Linear	2,775.00	Hours
Factors	1850	hours/year	1	Planning Mgr (Williams)	1.5	years		
A52	TENERA	P070	COST ESTIMATORS PLANNERS AN	KB10S	B707 Program Management	Linear	249,000.00	Dollars
Factors	83	Dollars/hr	1	Cost/Schedule Analysts	1.5	years	2000	hours/year
A5C	SUPPLIES	0000	NONE	KB10S	B707 Program Management	Linear	6,000.00	Dollars
Factors	500	\$/person/year	8	people	1.5	years		
A5H	SUBCONTRACTED SRVS	P070	COST ESTIMATORS PLANNERS AN	KB10S	B707 Program Management	Linear	351,000.00	Dollars
Factors	120	Dollars/hr	2	Cost Estimating Consultant	1.5	years	975	hours/year

Line Item 2 - B707 Production Control

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.

WBS No: 1BAA
 Activity ID: 1BAAPC1010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project: Baseline Devl
 WBS Filter: 1BAA
 Activity Filter: *

Starts In FY *

Experience Item Desc - Provides services for B707 Production Control.
 Breakdown of Cost Data:
 Item - B707 Production Control.
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Luke Williams in Building 750 at x3389.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	P170 OTHER ADMINISTRATIVE & PROFE	S100S SSOC Salaried	Front Loaded	1,387.50	Hours
Factors	1850 Hours	0.5 Production Control Analyst	1.5 years			
	A5H SUBCONTRACTED SRVS	M030 MANAGEMENT INTEGRATORS (GR	KB10S B707 Program Management	Front Loaded	115,162.50	Dollars
Factors	83 \$/hr	0.5 Production Control Lead (Cappello)	1.5 years	1850 hours		

Line Item 3 - B707 Contracts Management

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services for B707 Contract Management.
 Breakdown of Cost Data:
 Item - B707 Contract Management.
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Luke Williams in Building 750 at x3389.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	M030 MANAGEMENT INTEGRATORS (GR	K216S Subcontracts Management	Linear	2,775.00	Hours
Factors	1850 hours/year	1 Project Procurement Rep	1.5 years			
	750 STRAIGHT TIME BASE	P030 BUYERS PROCUREMENT AND CON	K216S Subcontracts Management	Linear	2,775.00	Hours
Factors	1850 Hours/year	1 Procurement Specialists	1.5 years			
	A5H SUBCONTRACTED SRVS	P030 BUYERS PROCUREMENT AND CON	K216S Subcontracts Management	Linear	50,232.00	Dollars
Factors	728 hrs/vr	1 Subcontract Admin. (Murray)	46 \$/hr	1.5 years		

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	98,164.51	Dollars
Factors	98164.5 Dollars					
	ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	50,378.37	Dollars
Factors	50378.4 Dollars					

Activity ID: 1BAAPC1020 Description: Project/Prod Control/Contract Mgmt Phase 3 Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	B707 Plannina Mgr & Proj Controls	1.00	each		6.188	6.188	257,699	191,575	0	449,274	81,797	531,071
2	B707 Production Control	1.00	each		0	0	0	185,648	0	185,648	0	185,648
3	B707 Contracts Management	1.00	each		8.251	8,251	292,787	74,678	0	367,465	92,934	460,399
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	281,112	281,112	0	281,112
Total for Activity 1BAAPC1020:						14.439	550,486	451,901	281,112	1,283,499	174,730	1,458,229

Line Item 1 - B707 Planning Mgr & Proj Controls

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services for B707 Project Control.
 Breakdown of Cost Data:
 Item - B707 Planning Manager & Project Controls.
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

WBS No: 1BAA
 Activity ID: 1BAAPC1020

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter *

Starts In FY *

Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Luke Williams in Building 750 at x3389.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	G040 SECRETARIES	KB10S B707 Program Management	Linear	2.062.75	Hours
Factors	1850 hours/year	0.5 Secretary	2.23 years			
	750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB10S B707 Program Management	Linear	4.125.50	Hours
Factors	1850 hours/year	1 Plannina Mar (Williams)	2.23 years			
	A52 TENERA	P070 COST ESTIMATORS PLANNERS AN	KB10S B707 Program Management	Linear	180.647.80	Dollars
Factors	83 Dollars/hr	1 Cost/Schedule Analyst	2.23 years	976 hours/year		
	A5C SUPPLIES	0000 NONE	KB10S B707 Program Management	Linear	10.927.00	Dollars
Factors	700 \$/person/year	7 people	2.23 years			

Line Item 2 - B707 Production Control

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services for B707 Production Control.
 Breakdown of Cost Data:
 Item - B707 Production Control.
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Luke Williams in Building 750 at x3389.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	A5H SUBCONTRACTED SRVS	M030 MANAGEMENT INTEGRATORS (GR	KB10S B707 Program Management	Linear	185.647.50	Dollars
Factors	90 \$/hr	0.5 Production Control Lead (Cappello)	2.23 years	1850 hours		

Line Item 3 - B707 Contracts Management

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services for B707 Contract Management.
 Breakdown of Cost Data:
 Item - B707 Contract Management.
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Luke Williams in Building 750 at x3389.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	M030 MANAGEMENT INTEGRATORS (GR	K216S Subcontracts Management	Linear	4.125.50	Hours
Factors	1850 hours/year	1 Project Procurement Rep	2.23 years			
	750 STRAIGHT TIME BASE	P030 BUYERS PROCUREMENT AND CON	K216S Subcontracts Management	Linear	4.125.50	Hours
Factors	1850 Hours/year	1 Subcontract Admin. (Rvken)	2.23 years			
	A5H SUBCONTRACTED SRVS	P030 BUYERS PROCUREMENT AND CON	K216S Subcontracts Management	Linear	74.678.24	Dollars
Factors	728 hrs/yr	1 Subcontract Admin. (Murrav)	46 \$/hr	2.23 years		

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	171.234.30	Dollars
Factors	171234 Dollars					
	ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	109.877.60	Dollars
Factors	109878 Dollars					

Activity ID: 1BAAPC1030 Description: Project/Prod Control/Contract Mamt Phase 4

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	B707 Plannina Mar & Proi Controls	1.00	each		1.443	1.443	77.128	1.092	0	78.220	26.841	105.061
3	B707 Contracts Management	1.00	each		1.443	1.443	61.486	0	0	61.486	21.397	82.883
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	100.285	100.285	0	100.285
Total for Activity 1BAAPC1030:						2.886	138.615	1.092	100.285	239.992	48.238	288.230

WBS No: 1BAA
 Activity ID: 1BAAPC1030

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project: Baseline Devl
 WBS Filter: 1BAA
 Activity Filter: *

Starts In FY *

Line Item 1 - B707 Planning Mgr & Proj Controls

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services for B707 Project Control.
 Breakdown of Cost Data:
 Item - B707 Planning Manager & Project Controls.
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Luke Williams in Building 750 at x3389.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB10S B707 Program Management	Linear	1.443.00	Hours
<i>Factors</i> 1850 hours/year 1 Planning Mgr (Williams) 0.78 years						
A5C	SUPPLIES	0000 NONE	KB10S B707 Program Management	Linear	1.092.00	Dollars
<i>Factors</i> 700 \$/person/year 2 people 0.78 years						

Line Item 3 - B707 Contracts Management

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services for B707 Contract Management.
 Breakdown of Cost Data:
 Item - B707 Contract Management.
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Luke Williams in Building 750 at x3389.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M030 MANAGEMENT INTEGRATORS (GR	K216S Subcontracts Management	Linear	1.443.00	Hours
<i>Factors</i> 1850 hours/year 1 Project Procurement Rep 0.78 years						

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	71.169.57	Dollars
<i>Factors</i> 71169.6 Dollars						
ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	29.115.50	Dollars
<i>Factors</i> 29115.5 Dollars						

Activity ID: 1BAAPM1000 Description: B707 Program Mgmt Phase 1

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	B707 Project Manager Office Personnel	1.00	lot		4.846	4.846	244.388	1.804	0	246.192	117.703	363.895
2	Travel/Training/Relocation	1.00	lot		0	0	0	274.717	0	274.717	0	274.717
3	B707 IRM Support	1.00	lot		773	773	41.317	37.516	0	78.833	19.899	98.732
4	4 Tops Sub FY01 G&A/Fee	1.00	lot		0	0	0	1,022,000	0	1,022,000	0	1,022,000
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	64.951	64.951	0	64.951
Total for Activity 1BAAPM1000:						5.619	285.705	1.336.037	64.951	1.686.693	137.603	1.824.296

Line Item 1 - B707 Project Manager Office Personnel

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services B707 Program Manager, Deputy Manager, and Executive Secretary.
 Breakdown of Cost Data:
 Item - B707 Program Manager (VP) office.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

WBS No: 1BAA
 Activity ID: 1BAAPM1000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project: Baseline Devl
 WBS Filter: 1BAA
 Activity Filter: *

Starts In FY *

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	G040	SECRETARIES	KB00S Blda 707 Closure Projects	Linear	1,589.15	Hours
Factors	1850	Hours/Year	0.859	Years			
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB00S Blda 707 Closure Projects	Linear	1,589.15	Hours
Factors	1850	Hours/Year	0.859	Years			
750	STRAIGHT TIME BASE	M050	COMPANY PRESIDENT AND VPs (G	KB00S Blda 707 Closure Projects	Linear	1,589.15	Hours
Factors	1850	Hours/Year	0.859	Years			
751	OVERTIME BASE & PRE.	G040	SECRETARIES	KB00S Blda 707 Closure Projects	Linear	79.03	Hours
Factors	92	Hours/Year	0.859	Years			
A5C	SUPPLIES	0000	NONE	KB00S Blda 707 Closure Projects	Linear	1,803.90	Dollars
Factors	700	\$/Person/Year	0.859	Years	3	people	

Line Item 2 - Travel/Training/Relocation

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Supplies and travel/relocation expenses.
 Breakdown of Cost Data:
 Item - B707 Program Manager (VP) office.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	KB00S Blda 707 Closure Projects	Linear	4,295.00	Dollars
Factors	2	Trips/year	2500	\$/trip	0.859	years	
A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	KB00S Blda 707 Closure Projects	Max Frontload	270,422.30	Dollars
Factors	1	Ken Powers' relocation	270422	\$/relocation			

Line Item 3 - B707 IRM Support

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides Information Resource Management services for B707 Project.
 Breakdown of Cost Data:
 Item - B707 IRM Support.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K215S Information Resource Mgt	Linear	425.00	Hours
Factors	1	Gen IT Sr. Proi. Mar	17	hrs/wk	25	weeks	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K215S Information Resource Mgt	Linear	6.00	Hours
Factors	1	DTRK Sr. Proi. Mar.	1	hr/wk	6	weeks	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K215S Information Resource Mgt	Linear	38.00	Hours
Factors	1	DTRK Sr. Proi. Mar.	2	hrs/wk	19	weeks	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K215S Information Resource Mgt	Linear	19.00	Hours
Factors	1	LCO dB Sr. Proi. Mar.	1	hrs/wk	19	weeks	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K215S Information Resource Mgt	Linear	285.00	Hours
Factors	1	Gen IT Sr. Proi. Mar	15	hrs/wk	19	weeks	
A5H	SUBCONTRACTED SRVS	M040	MANAGERS (GRADE 64 - 68)	K215S Information Resource Mgt	Linear	2,490.00	Dollars
Factors	1	DTRK Proi Mar	83	\$/hr	5	hrs/week	6 weeks
A5H	SUBCONTRACTED SRVS	M040	MANAGERS (GRADE 64 - 68)	K215S Information Resource Mgt	Linear	2,490.00	Dollars
Factors	1	Perf Ind Proi Mar	83	\$/hr	5	hrs/month	6 months
A5H	SUBCONTRACTED SRVS	M040	MANAGERS (GRADE 64 - 68)	K215S Information Resource Mgt	Linear	1,577.00	Dollars
Factors	1	LCO Proi Mar	83	\$/hr	1	hr/week	19 weeks
A5H	SUBCONTRACTED SRVS	M040	MANAGERS (GRADE 64 - 68)	K215S Information Resource Mgt	Linear	3,154.00	Dollars
Factors	1	Gen IT Proi Mar	83	\$/hr	2	hrs/week	19 weeks

WBS No: 1BAA
 Activity ID: 1BAAPM1000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	M040	MANAGERS (GRADE 64 - 68)	K215S	Information Resource Mat	Linear	12.616.00	Dollars
Factors	1	DTRK Proi Mar	83 \$/hr	8	hrs/week	19	weeks	
A5H	SUBCONTRACTED SRVS	M040	MANAGERS (GRADE 64 - 68)	K215S	Information Resource Mat	Linear	664.00	Dollars
Factors	1	Perf Ind Proi Mar	83 \$/hr	2	hrs/month	4	months	
A5H	SUBCONTRACTED SRVS	M040	MANAGERS (GRADE 64 - 68)	K215S	Information Resource Mat	Linear	14.525.00	Dollars
Factors	1	Gen IT Proi Mar	83 \$/hr	7	hrs/week	25	weeks	

Line Item 4 - 4 Tops Sub FY01 G&A/Fee

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Four Tops Sub G&A/Fee
 Breakdown of Cost Data:
 Item - B707 4 Tops G&A and Fee.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
ABX SUBCONTRACTOR G&A (BUDGET O	0000 NONE	KB00S Blda 707 Closure Proiects	Max Backload	587.000.00	Dollars
Factors	587000 Dollars				
ABY SUBCONTRACTOR FEE (BUDGET O	0000 NONE	KB00S Blda 707 Closure Proiects	Max Backload	435.000.00	Dollars
Factors	435000 Dollars				

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	37.787.57	Dollars
Factors	37787.6 Dollars				
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	27.163.87	Dollars
Factors	27163.9 Dollars				

Activity ID: 1BAAPM1010 Description: B707 Program Mamt Phase 2

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	B707 Project Manager Office Personnel	1.00	lot		6.938	6.938	348.859	1.500	0	350.359	137.567	487.926
2	Travel/Training	1.00	lot		0	0	0	3.750	0	3.750	0	3.750
3	B707 IRM Support	1.00	lot		657	657	35.117	29.880	0	64.997	14.283	79.280
4	4 Tops Sub FY01/02 G&A/Fee	1.00	lot		0	0	0	2.361.000	0	2.361.000	0	2.361.000
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	329.287	329.287	0	329.287
Total for Activity 1BAAPM1010:						7.595	383.976	2.396.130	329.287	3.109.392	151.850	3.261.242

Line Item 1 - B707 Project Manager Office Personnel

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services B707 Program Manager, Deputy Manager, and Executive Secretary.
 Breakdown of Cost Data:
 Item - B707 Program Manager (VP) office.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NAA

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	G040 SECRETARIES	KB00S Blda 707 Closure Proiects	Linear	2.775.00	Hours
Factors	1850 Hours/Year	1.5 Years			
750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB00S Blda 707 Closure Proiects	Linear	1.387.50	Hours
Factors	925 Hours/Year	1.5 Years			
750 STRAIGHT TIME BASE	M050 COMPANY PRESIDENT AND VPs (G	KB00S Blda 707 Closure Proiects	Linear	2.775.00	Hours
Factors	1850 Hours/Year	1.5 Years			

WBS No: 1BAA
 Activity ID: 1BAAPM1010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project: Baseline Devl
 WBS Filter: 1BAA
 Activity Filter: *

Starts In FY: *

A5C	SUPPLIES	0000	NONE	KB00S	Bldg 707 Closure Projects	Linear	1,500.00	Dollars
<i>Factors</i>	500 \$/Person/Year		1.5 Years	2	people			

Line Item 2 - Travel/Training

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Supplies and travel expenses.
 Breakdown of Cost Data:
 Item - B707 Program Manager (VP) office.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	KB00S	Bldg 707 Closure Projects	Linear	3,750.00	Dollars
<i>Factors</i>	1 Trips/year		2500 \$/trip	1.5	years			

Line Item 3 - B707 IRM Support

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides Information Resource Management services for B707 Project.
 Breakdown of Cost Data:
 Item - B707 IRM Support.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K215S	Information Resource Mat	Front Loaded	19.50	Hours
<i>Factors</i>	1 DTRK Sr Proi Mgr		1 hr/wk	13	weeks/vr	1.5	years	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K215S	Information Resource Mat	Front Loaded	637.50	Hours
<i>Factors</i>	0.5 Gen IT Sr Proi Mgr		17 hrs/wk	50	weeks/vr	1.5	years	
A5H	SUBCONTRACTED SRVS	M040	MANAGERS (GRADE 64 - 68)	K215S	Information Resource Mat	Front Loaded	8,092.50	Dollars
<i>Factors</i>	1 DTRK Proi Mgr		83 \$/hr	5	hrs/week	13	weeks/vr	
	1.5 years							
A5H	SUBCONTRACTED SRVS	M040	MANAGERS (GRADE 64 - 68)	K215S	Information Resource Mat	Front Loaded	21,787.50	Dollars
<i>Factors</i>	0.5 Gen IT Proi Mgr		83 \$/hr	7	hrs/week	50	weeks/vr	
	1.5 years							

Line Item 4 - 4 Tops Sub FY01/02 G&A/Fee

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Four Tops Sub G&A/Fee
 Breakdown of Cost Data:
 Item - B707 4 Tops G&A and Fee.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
ABX	SUBCONTRACTOR G&A (BUDGET O	0000	NONE	KB00S	Bldg 707 Closure Projects	Linear	1,356,000.00	Dollars
<i>Factors</i>	1356000 Dollars							
ABY	SUBCONTRACTOR FEE (BUDGET O	0000	NONE	KB00S	Bldg 707 Closure Projects	Linear	1,005,000.00	Dollars
<i>Factors</i>	1005000 Dollars							

Line Item SYS - Contingency And Escalation

<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
Resources								

WBS No: 1BAA
 Activity ID: 1BAAPM1010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter *

Starts In FY *

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	217,871.10	Dollars
<i>Factors</i> 217871 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	111,415.50	Dollars
<i>Factors</i> 111416 Dollars								

Activity ID: 1BAAPM1020 Description: B707 Program Mgmt Phase 3

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	B707 Project Manager Office Personnel	1.00	lot		4.126	4.126	204.192	1.561	0	205.753	64.813	270.565
3	B707 IRM Support	1.00	lot		348	348	18.591	11.887	0	30.478	5.901	36.379
4	4 Tops Sub FY03/04 G&A/Fee	1.00	lot		0	0	0	697.000	0	697.000	0	697.000
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	239.227	239.227	0	239.227
Total for Activity 1BAAPM1020:						4.473	222.783	710.448	239.227	1,172.458	70.714	1,243.171

Line Item 1 - B707 Project Manager Office Personnel

BOE Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services B707 Program Manager, Deputy Manager, and Executive Secretary.
 Breakdown of Cost Data:
 Item - B707 Program Manager (VP) office.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	G040 SECRETARIES	KB00S Bldg 707 Closure Projects	Linear	2.062.75	Hours
<i>Factors</i> 925 Hours/Year 2.23 Years					
750 STRAIGHT TIME BASE	M050 COMPANY PRESIDENT AND VPs (G	KB00S Bldg 707 Closure Projects	Linear	2.062.75	Hours
<i>Factors</i> 925 Hours/Year 2.23 Years					
A5C SUPPLIES	0000 NONE	KB00S Bldg 707 Closure Projects	Linear	1.561.00	Dollars
<i>Factors</i> 700 \$/Person/Year 2.23 Years 1 people					

Line Item 3 - B707 IRM Support

BOE Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides Information Resource Management services for B707 Project.
 Breakdown of Cost Data:
 Item - B707 IRM Support.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K215S Information Resource Mgt	Linear	347.82	Hours
<i>Factors</i> 0.33 Gen IT Sr Proi Mar 17 hrs/wk 50 weeks/vr 1.24 years					
A5H SUBCONTRACTED SRVS	M040 MANAGERS (GRADE 64 - 68)	K215S Information Resource Mgt	Linear	11.887.26	Dollars
<i>Factors</i> 0.33 Gen IT Proi Mar 83 \$/hr 7 hrs/wk 50 wks/vr 1.24 years					

Line Item 4 - 4 Tops Sub FY03/04 G&A/Fee

BOE Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Four Tops Sub G&A/Fee
 Breakdown of Cost Data:
 Item - B707 4 Tops G&A and Fee.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

WBS No: 1BAA
 Activity ID: 1BAAPM1020

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project: Baseline Devl
 WBS Filter: 1BAA
 Activity Filter: *

Starts In FY *

Resources	Cost Element	Quantity	Units	Skill	Department	Curve	Quantity	Units
	ABX SUBCONTRACTOR G&A (BUDGET O	0000	NONE		KB00S Blda 707 Closure Projects	Linear	406.000.00	Dollars
<i>Factors</i>		406000 Dollars						
	ABY SUBCONTRACTOR FEE (BUDGET O	0000	NONE		KB00S Blda 707 Closure Projects	Linear	291.000.00	Dollars
<i>Factors</i>		291000 Dollars						

Line Item SYS - Contingency And Escalation

Resources	Cost Element	Quantity	Units	Skill	Department	Curve	Quantity	Units
	CON CONTINGENCY	0000	NONE		ZDEPT No Department	Linear	145.498.10	Dollars
<i>Factors</i>		145498 Dollars						
	ESC ESCALATION	0000	NONE		ZDEPT No Department	Linear	93.728.56	Dollars
<i>Factors</i>		93728.6 Dollars						

Activity ID: 1BAAPM1030 Description: B707 Proaram Mamt Phase 4

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	B707 Project Manager Office Personnel	1.00	lot		967	967	47.872	390	0	48.262	16.659	64.921
4	4 Tops Sub FY05 G&A/Fee	1.00	lot		0	0	0	185.000	0	185.000	0	185.000
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	133.355	133.355	0	133.355
Total for Activity 1BAAPM1030:						967	47.872	185.390	133.355	366.617	16.659	383.276

Line Item 1 - B707 Project Manager Office Personnel

BOE	Description
Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS. Experience Item Desc - Provides services B707 Program Manager, and Executive Secretary. Breakdown of Cost Data: Item - B707 Program Manager (VP) office. Units - 1 lot Unit Cost - See Resource Loading. Unit Cost Adjustment factor - NA Revised Unit Cost - NA Basis for adjustment - NA	

Resources	Cost Element	Quantity	Units	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	G040	SECRETARIES		KB00S Blda 707 Closure Projects	Linear	483.60	Hours
<i>Factors</i>		620 Hours/Year 0.78 Years						
	750 STRAIGHT TIME BASE	M050	COMPANY PRESIDENT AND VPs (G		KB00S Blda 707 Closure Projects	Linear	483.60	Hours
<i>Factors</i>		620 Hours/Year 0.78 Years						
	A5C SUPPLIES	0000	NONE		KB00S Blda 707 Closure Projects	Linear	390.00	Dollars
<i>Factors</i>		500 \$/Person/Year 0.78 Years 1 people						

Line Item 4 - 4 Tops Sub FY05 G&A/Fee

BOE	Description
Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS. Experience Item Desc - Four Tops Sub G&A/Fee Breakdown of Cost Data: Item - B707 4 Tops G&A and Fee. Units - 1 lot Unit Cost - See Resource Loading. Unit Cost Adjustment factor - NA Revised Unit Cost - NA Basis for adjustment - NA	

Resources	Cost Element	Quantity	Units	Skill	Department	Curve	Quantity	Units
	ABX SUBCONTRACTOR G&A (BUDGET O	0000	NONE		KB00S Blda 707 Closure Projects	Linear	108.000.00	Dollars
<i>Factors</i>		108000 Dollars						
	ABY SUBCONTRACTOR FEE (BUDGET O	0000	NONE		KB00S Blda 707 Closure Projects	Linear	77.000.00	Dollars
<i>Factors</i>		77000 Dollars						

Line Item SYS - Contingency And Escalation

Resources	Cost Element	Quantity	Units	Skill	Department	Curve	Quantity	Units
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WBS No: 1BAA
 Activity ID: 1BAAPM1030

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter *

Starts In FY *

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	94,638.39	Dollars
<i>Factors</i> 94638.4 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	38,716.61	Dollars
<i>Factors</i> 38716.6 Dollars								

Activity ID: 1BAASP1000 Description: B707 Admin Support Phase 1

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	Admin Services	1.00	each	EE	9.574	9.574	285.503	876.979	0	1,162,482	137,506	1,299,987
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	37,838	37,838	0	37,838
Total for Activity 1BAASP1000:						9.574	285.503	876.979	37,838	1,200,320	137,506	1,337,826

Line Item 1 - Admin Services

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services for B707 Admin Support including Records Management, Admin Services Manager and secretary, Document Controller, PATS/MAP, Trainers, Procedure Writers, and PAA & Occurance Reporting.
 Breakdown of Cost Data:
 Item - B707 Admin Services Manager and Admin Support.
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Candice McGaughey in Building 750 at x6245.

Resources

Cost Element	Quantity	Units	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	G040	SECRETARIES	KB10S	B707 Program Management	Linear	794.58	Hours
<i>Factors</i> 1850 hours/year 0.5 Secretary 0.859 years							
750 STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB10S	B707 Program Management	Linear	1,589.15	Hours
<i>Factors</i> 1850 hours/year 1 Admin Serv Mgr. (McGaughey) 0.859 years							
750 STRAIGHT TIME BASE	P040	COMMUNICATION SPECIALISTS	K285S	Communications	Linear	794.58	Hours
<i>Factors</i> 1850 hrs/yr 0.5 Commun. Liason (Harrison) 0.859 years							
750 STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	KB10S	B707 Program Management	Linear	1,589.15	Hours
<i>Factors</i> 1850 hours/yr 1 PAA & Occur Reporting (Sakauchi) 0.859 years							
750 STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	S100S	SSOC Salaried	Linear	1,589.15	Hours
<i>Factors</i> 1850 hours/year 1 Admin & Facility Cntrl (Cox) 0.859 years							
750 STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	S100S	SSOC Salaried	Linear	1,589.15	Hours
<i>Factors</i> 1850 Hours/yr 1 PATS/MAP (Mizak) 0.859 years							
750 STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	S100S	SSOC Salaried	Linear	1,589.15	Hours
<i>Factors</i> 1850 hrs/year 1 Inventory/Moves/PAFS coordinator 0.859 years							
751 OVERTIME BASE & PRE.	G040	SECRETARIES	KB10S	B707 Program Management	Linear	39.51	Hours
<i>Factors</i> 92 hours/year 0.5 Secretary 0.859 years							
A55 SOURCE ONE	P160	TECHNICAL WRITERS AND EDITOR	KB10S	B707 Program Management	Linear	98,527.30	Dollars
<i>Factors</i> 62 \$/hr 1 Document Controller (Martinez-) 0.859 years 1850 hours/yr							
A55 SOURCE ONE	P170	OTHER ADMINISTRATIVE & PROFE	KB10S	B707 Program Management	Linear	174,806.50	Dollars
<i>Factors</i> 55 \$/hr 2 Records Mgmt Specialists 0.859 years 1850 hours/yr							
A57 LATA	P150	TRAINERS	KB10S	B707 Program Management	Linear	98,527.30	Dollars
<i>Factors</i> 62 \$/hr 1 Trainer (Dawson) 0.859 years 1850 hours/yr							
A57 LATA	P170	OTHER ADMINISTRATIVE & PROFE	KB10S	B707 Program Management	Linear	116,008.00	Dollars
<i>Factors</i> 73 \$/hr 1 Procedures Lead (Smart) 0.859 years 1850 hours/yr							
A57 LATA	P170	OTHER ADMINISTRATIVE & PROFE	KB10S	B707 Program Management	Linear	98,527.30	Dollars
<i>Factors</i> 62 \$/hr 1 Procedure Writers 0.859 years 1850 hours/yr							
A5C SUPPLIES	0000	NONE	KB10S	B707 Program Management	Linear	3,212.66	Dollars
<i>Factors</i> 2 \$/box 1870 Ava Boxes/yr 0.859 years							
A5C SUPPLIES	0000	NONE	KB10S	B707 Program Management	Linear	6,614.30	Dollars
<i>Factors</i> 700 \$/person/yr 11 people 0.859 years							

WBS No: 1BAA
 Activity ID: 1BAASP1000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project: Baseline Devl
 WBS Filter: 1BAA
 Activity Filter: *

Starts In FY: *

A5H	SUBCONTRACTED SRVS	0000	NONE	KB10S	B707 Program Management	Linear	16,956.66	Dollars
Factors	84 \$/person/vr		235 people		0.859 years			
A5H	SUBCONTRACTED SRVS	P150	TRAINERS	KB10S	B707 Program Management	Linear	263,798.90	Dollars
Factors	83 \$/hr		2 Lead Trainer (Snyder, Brev. Zarate)		0.859 years	1850 hours/vr		

Line Item SYS - Contingency And Escalation

BOE

Resources

<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	22,013.65	Dollars
Factors	22013.7 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	15,824.67	Dollars
Factors	15824.7 Dollars							

Activity ID: 1BAASP1010 Description: B707 Admin Support Phase 2

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	Admin Services	1.00	each		12.539	12.539	373.912	1,127.978	0	1,501.890	147.446	1,649.336
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	185.252	185.252	0	185.252
Total for Activity 1BAASP1010:						12.539	373.912	1,127.978	185.252	1,687.142	147.446	1,834.588

Line Item 1 - Admin Services

BOE

Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services for B707 Admin Support including Records Management, Admin Services Manager and secretary, Document Controller, PATS/MAP, Trainers, Procedure Writers, and PAA & Occurance Reporting.
 Breakdown of Cost Data:
 Item - B707 Admin Services Manager and Admin Support.
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Candice McGaughey in Building 750 at x6245.

Resources

<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
750	STRAIGHT TIME BASE	G040	SECRETARIES	KB10S	B707 Program Management	Linear	1,040.63	Hours
Factors	1850 hours/year		0.5 Secretary		1.5 years			
	0.75 Ramp Down							
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB10S	B707 Program Management	Linear	2,081.25	Hours
Factors	1850 hours/year		1 Admin Serv Mar. (McGaughey)		1.5 years			
	0.75 Ramp Down							
750	STRAIGHT TIME BASE	P040	COMMUNICATION SPECIALISTS	K285S	Communications	Linear	1,040.63	Hours
Factors	1850 hrs/vr		0.5 Commun. Liason		1.5 years			
	0.75 Ramp Down							
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	KB10S	B707 Program Management	Linear	2,081.25	Hours
Factors	1850 hours/vr		1 PAA & Occur Reporting (Sakauchi)		1.5 years			
	0.75 Ramp Down							
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	S100S	SSOC Salaried	Linear	2,081.25	Hours
Factors	1850 hrs/year		1 Inventory/Moves/PAFS coordinator		1.5 years			
	0.75 Ramp Down							
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	S100S	SSOC Salaried	Linear	2,081.25	Hours
Factors	1850 hours/year		1 Admin & Facility Cntrl (Cox)		1.5 years			
	0.75 Ramp Down							
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	S100S	SSOC Salaried	Linear	2,081.25	Hours
Factors	1850 Hours/vr		1 PATS/MAP (Mizak)		1.5 years			
	0.75 Ramp Down							

WBS No: 1BAA
 Activity ID: 1BAASP1010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter *

Starts In FY *

751	OVERTIME BASE & PRE.	G040	SECRETARIES	KB10S	B707 Program Management	Linear	51.75	Hours
<i>Factors</i>	92 hours/year 0.75 Ramp Down		0.5 Secretary		1.5 years			
A55	SOURCE ONE	P160	TECHNICAL WRITERS AND EDITOR	KB10S	B707 Program Management	Linear	114,468.80	Dollars
<i>Factors</i>	55 \$/hr 0.75 Ramp Down		1 Document Controller (Martinez-		1.5 years	1850 hours/yr		
A55	SOURCE ONE	P170	OTHER ADMINISTRATIVE & PROFE	KB10S	B707 Program Management	Linear	228,937.50	Dollars
<i>Factors</i>	55 \$/hr 0.75 Ramp Down		2 Records Control Specialists		1.5 years	1850 hours/yr		
A57	LATA	P150	TRAINERS	KB10S	B707 Program Management	Linear	129,037.50	Dollars
<i>Factors</i>	62 \$/hr 0.75 Ramp Down		1 Trainer (Dawson)		1.5 years	1850 hours/yr		
A57	LATA	P170	OTHER ADMINISTRATIVE & PROFE	KB10S	B707 Program Management	Linear	129,037.50	Dollars
<i>Factors</i>	62 \$/hr 0.75 Ramp Down		1 Procedure Writers		1.5 years	1850 hours/yr		
A57	LATA	P170	OTHER ADMINISTRATIVE & PROFE	KB10S	B707 Program Management	Linear	151,931.30	Dollars
<i>Factors</i>	73 \$/hr 0.75 Ramp Down		1 Procedures Lead (Smart)		1.5 years	1850 hours/yr		
A5C	SUPPLIES	0000	NONE	KB10S	B707 Program Management	Linear	5,610.00	Dollars
<i>Factors</i>	2 \$/hr		1870 Avg boxes/year		1.5 years			
A5C	SUPPLIES	0000	NONE	KB10S	B707 Program Management	Linear	8,662.50	Dollars
<i>Factors</i>	700 \$/person/yr 0.75 Ramp Down		11 people		1.5 years			
A5H	SUBCONTRACTED SRVS	0000	NONE	KB10S	B707 Program Management	Linear	14,805.00	Dollars
<i>Factors</i>	84 \$/person/year 0.75 Ramp Down		235 people					
A5H	SUBCONTRACTED SRVS	P150	TRAINERS	KB10S	B707 Program Management	Linear	345,487.50	Dollars
<i>Factors</i>	83 \$/hr 0.75 Ramp Down		2 Lead Trainer (Snyder, Bretz, Zarate)		1.5 years	1850 hours/yr		

Line Item SYS - Contingency And Escalation

BOE

Resources

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	122,572.10	Dollars
<i>Factors</i>	122572 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	62,679.68	Dollars
<i>Factors</i>	62679.7 Dollars							

Activity ID: 1BAASP1020

Description: B707 Admin Support Phase 3

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	Admin Services	1.00	each		14.439	14.439	479,455	717,817	0	1,197,272	152,184	1,349,456
SYS	Contingency And Escalation	1.00	ea	EF	0	0	0	0	321,944	321,944	0	321,944
Total for Activity 1BAASP1020:						14.439	479,455	717,817	321,944	1,519,216	152,184	1,671,400

Line Item 1 - Admin Services

BOE

Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services for B707 Admin Support including Records Management, Admin Services Manager and secretary, Document Controller, PATS/MAP, Trainers, Procedure Writers, and PAA & Occurance Reporting.
 Breakdown of Cost Data:
 Item - B707 Admin Services Manager and Admin Support.
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Candice McGaughey in Building 750 at

WBS No: 1BAA
 Activity ID: 1BAASP1020

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter *

Starts In FY *

x6245.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	G040	SECRETARIES	KB10S	B707 Program Management	Linear	1.031.38	Hours
Factors	1850 hours/year 0.5 Ramp Down		0.5 Secretary		2.23 years			
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB10S	B707 Program Management	Linear	4.125.50	Hours
Factors	1850 hours/year		1 Admin Serv Mgr. (McGaughey)		2.23 years			
750	STRAIGHT TIME BASE	P040	COMMUNICATION SPECIALISTS	K285S	Communications	Linear	1.031.38	Hours
Factors	1850 hrs/year 0.5 Ramp Down		0.5 Commun. Liason (Harrison)		2.23 years			
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	KB10S	B707 Program Management	Linear	2.062.75	Hours
Factors	1850 hours/vr 0.5 Ramp Down		1 PAA & Occur Reporting (Sakaquchi)		2.23 years			
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	S100S	SSOC Salaried	Linear	2.062.75	Hours
Factors	1850 hours/year 0.5 Ramp Down		1 Admin & Facility Cntrl (Cox)		2.23 years			
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	S100S	SSOC Salaried	Linear	2.062.75	Hours
Factors	1850 Hours/vr 0.5 Ramp Down		1 PATS/MAP (Mizak)		2.23 years			
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	S100S	SSOC Salaried	Linear	2.062.75	Hours
Factors	1850 hrs/year 0.5 Ramp Down		1 Inventorv/Moves/PAFS coordinator		2.23 years			
A55	SOURCE ONE	P160	TECHNICAL WRITERS AND EDITOR	KB10S	B707 Program Management	Linear	127.890.50	Dollars
Factors	62 \$/hr 0.5 Ramp Down		1 Document Controller (Martinez-		2.23 years	1850 hours/vr		
A55	SOURCE ONE	P170	OTHER ADMINISTRATIVE & PROFE	KB10S	B707 Program Management	Linear	113.451.30	Dollars
Factors	55 \$/hr 0.5 Ramp Down		1 Records Mamt Specialists		2.23 years	1850 hours/year		
A57	LATA	P150	TRAINERS	KB10S	B707 Program Management	Linear	63.945.25	Dollars
Factors	62 \$/hr 0.5 Ramp Down		0.5 Trainer (Dawson)		2.23 years	1850 hours/vr		
A57	LATA	P170	OTHER ADMINISTRATIVE & PROFE	KB10S	B707 Program Management	Linear	63.945.25	Dollars
Factors	62 \$/hr 0.5 Ramp Down		0.5 Procedure Writers		2.23 years	1850 hours/vr		
A57	LATA	P170	OTHER ADMINISTRATIVE & PROFE	KB10S	B707 Program Management	Linear	150.580.80	Dollars
Factors	73 \$/hr 0.5 Ramp Down		1 Procedures Lead (Smart)		2.23 years	1850 hours/vr		
A5C	SUPPLIES	0000	NONE	KB10S	B707 Program Management	Linear	8.340.20	Dollars
Factors	2 \$/box		1870 ava boxes/vr		2.23 years			
A5C	SUPPLIES	0000	NONE	KB10S	B707 Program Management	Linear	8.585.50	Dollars
Factors	700 \$/person/vr 0.5 Ramp Down		11 people		2.23 years			
A5H	SUBCONTRACTED SRVS	0000	NONE	KB10S	B707 Program Management	Linear	9.870.00	Dollars
Factors	84 \$/person/vr 0.5 Ramp Down		235 people (papers)					
A5H	SUBCONTRACTED SRVS	P150	TRAINERS	KB10S	B707 Program Management	Linear	171.208.30	Dollars
Factors	83 \$/hr 0.5 Ramp Down		1 Lead Trainer (Snvder, Brev. Zarate)		2.23 years	1850 hours/vr		

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1BAA
 Activity ID: 1BAASP1020

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project: Baseline Devl
 WBS Filter: 1BAA
 Activity Filter: *

Starts In FY: *

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	195,969.50	Dollars
<i>Factors</i> 195970 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	125,974.30	Dollars
<i>Factors</i> 125974 Dollars								

Activity ID: 1BAASP1030 Description: B707 Admin Support Phase 4

Cost Risk: 1 Schedule Risk: 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	Admin Services	1.00	each		2,164	2,164	94,703	140,647	0	235,350	32,957	268,307
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	143,165	143,165	0	143,165
Total for Activity 1BAASP1030:						2,164	94,703	140,647	143,165	378,516	32,957	411,472

Line Item 1 - Admin Services

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services for B707 Admin Support including Records Management, Admin Services Manager and secretary, Document Controller, PATS/MAP, Trainers, Procedure Writers, and PAA & Occurance Reporting.
 Breakdown of Cost Data:
 Item - B707 Admin Services Manager and Admin Support.
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Candice McGaughey in Building 750 at x6245.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	G040 SECRETARIES	KB10S B707 Program Management	Linear	120.25	Hours
<i>Factors</i> 1850 hours/year 0.5 Secretary 0.52 years					
0.25 Ramp Down					
750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	KB10S B707 Program Management	Linear	1,443.00	Hours
<i>Factors</i> 1850 hours/year 1 Admin Serv Mar. (McGaughey) 0.78 years					
750 STRAIGHT TIME BASE	P040 COMMUNICATION SPECIALISTS	K285S Communications	Linear	120.25	Hours
<i>Factors</i> 1850 hrs/year 0.5 Commun. Liason (Harrison) 0.52 years					
0.25 Ramp Down					
750 STRAIGHT TIME BASE	P170 OTHER ADMINISTRATIVE & PROFE	KB10S B707 Program Management	Linear	240.50	Hours
<i>Factors</i> 1850 hours/yr 1 PAA & Occur Reporting (Sakaquchi) 0.52 years					
0.25 Ramp Down					
750 STRAIGHT TIME BASE	P170 OTHER ADMINISTRATIVE & PROFE	S100S SSOC Salaried	Linear	240.50	Hours
<i>Factors</i> 1850 Hours/yr 1 PATS/MAP (Mizak) 0.52 years					
0.25 Ramp Down					
A55 SOURCE ONE	P160 TECHNICAL WRITERS AND EDITOR	KB10S B707 Program Management	Linear	79,365.00	Dollars
<i>Factors</i> 55 \$/hr 1 Document Controller (Martinez-) 0.78 years 1850 hours/yr					
A57 LATA	P150 TRAINERS	KB10S B707 Program Management	Linear	7,455.50	Dollars
<i>Factors</i> 62 \$/hr 0.5 Trainer (Dawson) 0.52 years 1850 hours/yr					
0.25 Ramp Down					
A57 LATA	P170 OTHER ADMINISTRATIVE & PROFE	KB10S B707 Program Management	Linear	7,455.50	Dollars
<i>Factors</i> 62 \$/hr 0.5 Procedure Writers 0.52 years 1850 hours/yr					
0.25 Ramp Down					
A57 LATA	P170 OTHER ADMINISTRATIVE & PROFE	KB10S B707 Program Management	Linear	17,556.50	Dollars
<i>Factors</i> 73 \$/hr 1 Procedures Lead (Smart) 0.52 years 1850 hours/yr					
0.25 Ramp Down					
A5C SUPPLIES	0000 NONE	KB10S B707 Program Management	Linear	2,917.20	Dollars
<i>Factors</i> 2 \$/box 1870 avg boxes/yr 0.78 years					
A5C SUPPLIES	0000 NONE	KB10S B707 Program Management	Linear	1,001.00	Dollars
<i>Factors</i> 700 \$/person/yr 11 people 0.52 years					
0.25 Ramp Down					

WBS No: 1BAA
 Activity ID: 1BAASP1030

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project: Baseline Devl
 WBS Filter: 1BAA
 Activity Filter: *
 Starts In FY: *

A5H	SUBCONTRACTED SRVS	0000	NONE	KB10S	B707 Program Management	Linear	4,935.00	Dollars
<i>Factors</i>		84 \$/hr	235 people (papers)					
		0.25 Ramp Down						
A5H	SUBCONTRACTED SRVS	P150	TRAINERS	KB10S	B707 Program Management	Linear	19,961.50	Dollars
<i>Factors</i>		83 \$/hr	1 Lead Trainer (Snyder, Brevt, Zarate)	0.52 years	1850 hours/yr			
		0.25 Ramp Down						

Line Item SYS - Contingency And Escalation

BOE

Resources

<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	101,600.60	Dollars
<i>Factors</i>		101601 Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	41,564.86	Dollars
<i>Factors</i>		41564.9 Dollars						

Activity ID: 1BXXXAE103 Description: B707 EES&Q Support Phase 5

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	B707 Engineering Management	0.57	each		1,443	820	38,983	45,278	0	84,261	13,566	97,827
3	B707 EES&Q Supplies	0.57	each		0	0	0	4,063	0	4,063	0	4,063
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	86,258	86,258	0	86,258
Total for Activity 1BXXXAE103:						820	38,983	49,341	86,258	174,582	13,566	188,148

Line Item 1 - B707 Engineering Management

BOE

Estimators Experience - project manager's recent experience on ESS&Q requirements on the B707 project and other projects at RFETS.
 Experience Item Desc - EES&Q consists of management and support of EES&Q, RAD Protection, Industrial Safety, Nuclear Safety, Environmental Safety, Chief Engineer, and core project wide engineering services.
 Breakdown of Cost Data:
 Item - Labor for ESS&Q management and support for B707 project.
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Duke Snyder in Building 707 at x5420.

Resources

<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
750	STRAIGHT TIME BASE	G040	SECRETARIES	KB50S	B707 Eng Envir. Sftv & Quality	Linear	240.50	Hours
<i>Factors</i>		1850 Hrs/Year	1 Secretary	0.52 Years				
		0.25 Ramp Down						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB50S	B707 Eng Envir. Sftv & Quality	Linear	240.50	Hours
<i>Factors</i>		1850 Hours/Year	1 Environ Safety Mgr (Lavorato)	0.52 years				
		0.25 Ramp Down						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB50S	B707 Eng Envir. Sftv & Quality	Linear	240.50	Hours
<i>Factors</i>		1850 Hours/Year	1 Chief Engineer (Gilmour)	0.52 Years				
		0.25 Ramp Down						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB50S	B707 Eng Envir. Sftv & Quality	Linear	481.00	Hours
<i>Factors</i>		1850 Hrs/Year	0.5 EES&Q Manager (Snyder)	0.52 Years				
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	S100S	SSOC Salaried	Linear	240.50	Hours
<i>Factors</i>		1850 Hours/year	1 Qual & Compl Proa Mgr (Fisher)	0.52 years				
		0.25 Ramp Down						
A52	TENERA	M020	MANAGERS (GRADE 69 - 72)	KB50S	B707 Eng Envir. Sftv & Quality	Linear	19,961.50	Dollars
<i>Factors</i>		83 Dollars/Hr	1 Industrial Safety Mgr (Wescoat)	0.52 years	1850 hours			
		0.25 Ramp Down						
A53	E-2	E050	ENVIRONMENTAL ENGINEERS	KB50S	B707 Eng Envir. Sftv & Quality	Linear	9,711.00	Dollars
<i>Factors</i>		900 hrs/yr	1 Chemical Coord (Gregory-Frost)	83 \$/hr	0.52 years			
		0.25 Ramp Down						

WBS No: 1BAA
 Activity ID: 1BXXXAE103

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter * Starts In FY *

A55	SOURCE ONE	P170	OTHER ADMINISTRATIVE & PROFE	KB10S	B707 Program Management	Linear	7,936.50	Dollars
<i>Factors</i> 55 \$/hr		0.6	Nuc Crit Doc Cntrl Specialists	0.52	years	1850	hours	
0.25 Ramp Down								
A5H	SUBCONTRACTED SRVS	E050	ENVIRONMENTAL ENGINEERS	KB50S	B707 Env Envir. Sftv & Quality	Linear	42,081.00	Dollars
<i>Factors</i> 1950 hrs/yr		0.5	Environmental Coord (Garcia)	83	\$/hr	0.52	years	

Line Item 3 - B707 EES&Q Supplies

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Supplies and travel.
 Breakdown of Cost Data:
 Item - B707 ESS&Q supplies and travel.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
A5C	SUPPLIES	0000	NONE	KB50S	B707 Env Envir. Sftv & Quality	Linear	7,150.00	Dollars
<i>Factors</i> 500 \$/person/year		50	people	0.52	years	0.55	Ramp Down	

Line Item SYS - Contingency And Escalation

BOE

<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	63,531.45	Dollars
<i>Factors</i> 63531.5 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	22,726.54	Dollars
<i>Factors</i> 22726.5 Dollars								

Activity ID: 1BXXXAPC13 Description: Project/Prod Control/Contract Mgmt Phase 5

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	B707 Planning Mgr & Proj Controls	0.57	each		1,443	820	43,823	620	0	44,443	15,250	59,694
3	B707 Contracts Management	0.57	each		1,443	820	34,935	0	0	34,935	12,158	47,093
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	90,404	90,404	0	90,404
Total for Activity 1BXXXAPC13:						1,640	78,758	620	90,404	169,782	27,408	197,190

Line Item 1 - B707 Planning Mgr & Proj Controls

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services for B707 Project Control, Production Control and Contract Management.
 Breakdown of Cost Data:
 Item - B707 Planning Manager & Project Controls.
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Luke Williams in Building 750 at x3389.

<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB10S	B707 Program Management	Linear	1,443.00	Hours
<i>Factors</i> 1850 hours/year		1	Planning Mgr (Williams)	0.78	years			
A5C	SUPPLIES	0000	NONE	KB10S	B707 Program Management	Linear	1,092.00	Dollars
<i>Factors</i> 700 \$/person/year		2	people	0.78	years			

Line Item 3 - B707 Contracts Management

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services for B707 Contract Management.
 Breakdown of Cost Data:
 Item - B707 Contract Management.
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA

WBS No: 1BAA
 Activity ID: 1BXXXAPC13

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project: Baseline Devl
 WBS Filter: 1BAA
 Activity Filter: *

Starts In FY *

Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Luke Williams in Building 750 at x3389.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units		
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K216S	Subcontracts Management	Linear	1.443.00	Hours
<i>Factors</i>		1850	hours/year	1	Project Procurement Rep	0.78	years	

Line Item SYS - Contingency And Escalation
 BOE

Resources	Cost Element	Skill	Department	Curve	Quantity	Units		
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	66.584.76	Dollars
<i>Factors</i>		66584.8	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	23.818.77	Dollars
<i>Factors</i>		23818.8	Dollars					

Activity ID: 1BXXXAPM13 Description: B707 Program Mgmt Phase 5

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	B707 Project Manager Office Personnel	0.57	lot		967	550	27.200	222	0	27.421	9.466	36.887
4	4 Tops Sub FY05 G&A/Fee	0.57	lot		0	0	0	105.114	0	105.114	0	105.114
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	120.215	120.215	0	120.215
Total for Activity 1BXXXAPM13:						550	27.200	105.335	120.215	252.750	9.466	262.215

Line Item 1 - B707 Project Manager Office Personnel

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services B707 Program Manager, Deputy Manager, Executive Secretary, supplies and travel/relocation expenses.
 Breakdown of Cost Data:
 Item - B707 Program Manager (VP) office.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

Resources	Cost Element	Skill	Department	Curve	Quantity	Units		
750	STRAIGHT TIME BASE	G040	SECRETARIES	KB00S	Blda 707 Closure Projects	Linear	483.60	Hours
<i>Factors</i>		620	Hours/Year	0.78	Years			
750	STRAIGHT TIME BASE	M050	COMPANY PRESIDENT AND VPs (G	KB00S	Blda 707 Closure Projects	Linear	483.60	Hours
<i>Factors</i>		620	Hours/Year	0.78	Years			
A5C	SUPPLIES	0000	NONE	KB00S	Blda 707 Closure Projects	Linear	390.00	Dollars
<i>Factors</i>		500	\$/Person/Year	0.78	Years	1	people	

Line Item 4 - 4 Tops Sub FY05 G&A/Fee

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Four Tops Sub G&A/Fee
 Breakdown of Cost Data:
 Item - B707 4 Tops G&A and Fee.
 Units - 1 lot
 Unit Cost - See Resource Loading.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA

Resources	Cost Element	Skill	Department	Curve	Quantity	Units		
ABX	SUBCONTRACTOR G&A (BUDGET O	0000	NONE	KB00S	Blda 707 Closure Projects	Linear	108.000.00	Dollars
<i>Factors</i>		108000	Dollars					
ABY	SUBCONTRACTOR FEE (BUDGET O	0000	NONE	KB00S	Blda 707 Closure Projects	Linear	77.000.00	Dollars
<i>Factors</i>		77000	Dollars					

Line Item SYS - Contingency And Escalation
 BOE

WBS No: 1BAA
 Activity ID: 1BXXXAPM13

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
 WBS Filter 1BAA
 Activity Filter *

Starts In FY *

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT No Department	Linear	88.541.69	Dollars
Factors		88541.7 Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT No Department	Linear	31.673.23	Dollars
Factors		31673.2 Dollars					

Activity ID: 1BXXXASP13 Description: B707 Admin Support Phase 5

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1	Admin Services	0.57	each		2.164	1.230	53.808	79.913	0	133.722	18.725	152.447
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	129.059	129.059	0	129.059
Total for Activity 1BXXXASP13:						1.230	53.808	79.913	129.059	262.780	18.725	281.506

Line Item 1 - Admin Services

BOE
 Estimators Experience - Project manager's recent experience on B707 and other projects at RFETS.
 Experience Item Desc - Provides services for B707 Admin Support including Records Management, Admin Services Manager and secretary, Document Controller, PATS/MAP, Trainers, Procedure Writers, and PAA & Occurance Reporting.
 Breakdown of Cost Data:
 Item - B707 Admin Services Manager and Admin Support.
 Units - 1 lot
 Unit Cost - See Resource Loading - this support is provided by both direct labor and subcontracted labor with a variety of billing rates.
 Unit Cost Adjustment factor - NA
 Revised Unit Cost - NA
 Basis for adjustment - NA
 Additional information describing this BOE is available in the B707 project files and may be obtained by contacting Candice McGaughey in Building 750 at x6245.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	G040	SECRETARIES	KB10S B707 Program Management	Linear	120.25	Hours
Factors		1850 hours/year 0.25 Ramp Down 0.5 Secretary 0.52 years					
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	KB10S B707 Program Management	Linear	1.443.00	Hours
Factors		1850 hours/year 1 Admin Serv Mgr. (McGaughey) 0.78 years					
750	STRAIGHT TIME BASE	P040	COMMUNICATION SPECIALISTS	K285S Communications	Linear	120.25	Hours
Factors		1850 hrs/year 0.25 Ramp Down 0.5 Commun. Liason (Harrison) 0.52 years					
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	KB10S B707 Program Management	Linear	240.50	Hours
Factors		1850 hours/yr 0.25 Ramp Down 1 PAA & Occur Reporting (Sakaquchi) 0.52 years					
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	S100S SSOC Salaried	Linear	240.50	Hours
Factors		1850 Hours/yr 0.25 Ramp Down 1 PATS/MAP (Mizak) 0.52 years					
A55	SOURCE ONE	P160	TECHNICAL WRITERS AND EDITOR	KB10S B707 Program Management	Linear	79.365.00	Dollars
Factors		55 \$/hr 1 Document Controller (Martinez- 0.78 years 1850 hours/yr					
A57	LATA	P150	TRAINERS	KB10S B707 Program Management	Linear	7.455.50	Dollars
Factors		62 \$/hr 0.25 Ramp Down 0.5 Trainer (Dawson) 0.52 years 1850 hours/vr					
A57	LATA	P170	OTHER ADMINISTRATIVE & PROFE	KB10S B707 Program Management	Linear	7.455.50	Dollars
Factors		62 \$/hr 0.25 Ramp Down 0.5 Procedure Writers 0.52 years 1850 hours/vr					
A57	LATA	P170	OTHER ADMINISTRATIVE & PROFE	KB10S B707 Program Management	Linear	17.556.50	Dollars
Factors		73 \$/hr 0.25 Ramp Down 1 Procedures Lead (Smart) 0.52 years 1850 hours/vr					
A5C	SUPPLIES	0000	NONE	KB10S B707 Program Management	Linear	1.001.00	Dollars
Factors		700 \$/person/vr 0.25 Ramp Down 11 people 0.52 years					

WBS No: 1BAA
 Activity ID: 1BXXXASP13

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project: Baseline Devl
 WBS Filter: 1BAA
 Activity Filter: *

Starts In FY: *

A5C	SUPPLIES	0000	NONE	KB10S	B707 Program Management	Linear	2,917.20	Dollars
<i>Factors</i>		2	1870	ava boxes/vr	0.78	years		
A5H	SUBCONTRACTED SRVS	0000	NONE	KB10S	B707 Program Management	Linear	4,935.00	Dollars
<i>Factors</i>		84	235	people (papers)				
		0.25		Ramp Down				
A5H	SUBCONTRACTED SRVS	P150	TRAINERS	KB10S	B707 Program Management	Linear	19,961.50	Dollars
<i>Factors</i>		83	1	Lead Trainer (Snyder. Brev. Zarate)	0.52	years	1850	hours/vr
		0.25		Ramp Down				

Line Item SYS - Contingency And Escalation

BOE

Resources

	<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>	<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	95,055.40	Dollars
<i>Factors</i>		95055.4 Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	34,003.32	Dollars
<i>Factors</i>		34003.3 Dollars						

Report Totals:

<i>Labor Hours Total</i>	<i>Labor Cost Total</i>	<i>Materials/ Sub Cost</i>	<i>Contingency & Escalation</i>	<i>Total Prime Cost</i>	<i>Burden Cost</i>	<i>Total Cost</i>
176,019	6,724,913	13,103,790	3,432,446	23,261,149	2,634,124	25,895,273