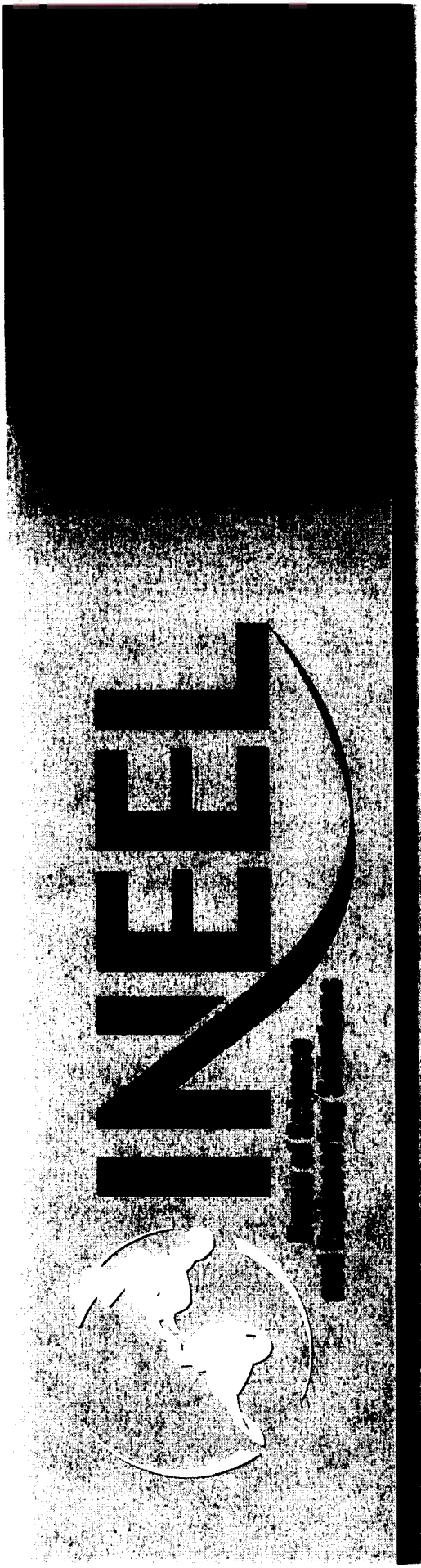

Idaho National Engineering and Environmental Laboratory

Specific Manufacturing Capability Program

Fiscal Year 2004 Detailed Work Plan

C.4.02

INEEL/EXT-03-01101-SMC

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Approval/Concurrence

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Specific Manufacturing Capability Program
C.4.02

DESCRIPTION

Objective

Produce armor for the U.S. Army through the procurement of materials, fabrication, assembly, quality assurance, and transportation of the required units as directed by the customer. The SMC Program will provide the required number of units, on schedule, under budget, and with a quality acceptance level of 100%.

Technical Content

The SMC's technical capabilities include the following:

- Material Production and Fabrication
- Automated Assembly Production and Process Development
- Industrial and Metallurgical Engineering
- Environmental, Safety, and Health
- Quality Assurance
- Transportation
- Security

Program Work Statement: FY 2004

To support the production, research, and development of armor and survivability systems for the U.S. Government.

FY 2004 Planned Work

To support the Armor Production.

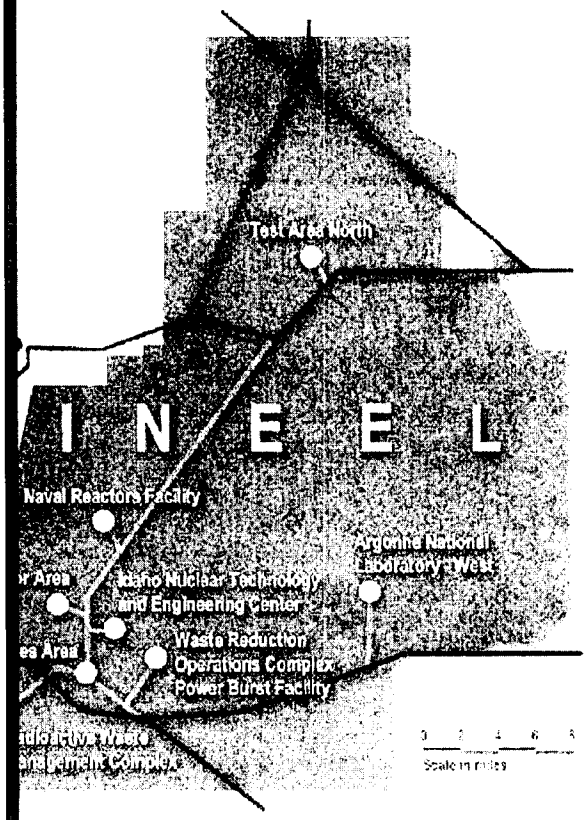
Project Key Assumptions

Continue as a Work for Others Program administered by the Department of Energy. This FY 2004 Program DWP summary is based on current information and may not be the baseline when FY 2004 execution begins. Final baseline approval is at the discretion of the Department of Energy. Estimated benefits to be realized by the implementation of Process Improvement Projects as a result of operational streamlining have been built into the estimate and resource requirements in this work plan.

ACTION PLAN

FY 2004

- Fully satisfy the annual armor production requirements at 100% final quality while operating the SMC project at the least possible cost and maintaining a safe workplace.
- Continue support of the production, research, and development of armor and survivability systems for the U.S. Government.
- Provide a maintenance work organization and environment that achieves effective planning, scheduling, work control, and corrective, preventive, and predictive maintenance in the plant.
- Demonstrate an effective waste management program, which minimizes the generation of waste and ensures that waste is handled in a cost effective, safe, and expeditious manner.
- Ensure compliance with all Federal, State, DOE, and BBWI ES&H requirements, laws, and regulations.
- Maintain the training and qualifications for SMC personnel to ensure a competent and qualified work force.
- Develop a plan to remove obsolete equipment on Inventory March 1, 2004. Deliver the plan to the DOE-ID SMC Program Office by the last working day in March 2004.
- Maintain an effective Quality Assurance Program (QAP) that ensures the quality of procured items and fabricated parts.
- Maintain an Integrated Master Schedule that contains an effective Project Management control system. The Master Schedule should capture technical scope, cost, and schedule.
- Ensure the projects in the Engineering Projects Five-Year Plan are planned and prioritized to support the current armor production and R&D missions. Prepare an annual Five-Year Plan for all project/program activities and submit it by the last working day in July.
- Take aggressive action to correct root cause of work control and operations issues identified by BBWI, Corporate and DOE reviews, Price-Anderson non-compliance tracking system issues, occurrence reports, and accident investigations. Ensure corrective actions are effectively implemented.
- Establish an oversight program that ensures the quality of all operations, products, and support activities such as ES&H and administrative functions based on an assessment process that ensures compliance to applicable rules, regulations, and contract-required DOE orders, and also takes into account best management practices, continuous improvements, and Lessons Learned.
- Provide timely, accurate, and complete financial information and safeguard against fraud, waste, and abuse.
- Operate an effective and efficient personal property program. Continuously ensure the following: 1) availability for official use, 2) adequate inventory controls and accurate accountable records, 3) adequate maintenance of records, and 4) maintenance of an inventory system that allows sorting and tracking of Army property at all times.
- Provide an effective Safeguards and Security Program that achieves the security mission in an efficient and cost-effective manner while: (1) ensuring security activities are planned and managed for protective measures implementation, (2) protecting classified and sensitive unclassified (Project-controlled information) from potential loss, compromise or unauthorized disclosure, (3) Safeguarding and accounting for nuclear materials, (4) Controlling personnel access to facilities including the security interests within, and (5) maintaining an aggressive approach in reducing security infractions at the SMC Project with the ultimate objective of zero infractions.



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C.4.02.01.01.AB.11	Common Stock
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C.4.02.01.01.AB.13	Shipping
C.4.02.01.01.AB.14	Technical Support
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C.4.02.01.01.AB.17	Special Projects
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C.4.02.01.01.AB.30	Maintenance Mgt. & Admin
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C.4.02.01.01.AB.33	Maintenance Mgt. & Admin - Foreman
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C.4.02.01.01.AB.44	Emergency Protection
C.4.02.01.01.AB.45	Industrial Hygiene
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C.4.02.01.01.AB.54	Training
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C.4.02.01.01.EP.50	MET LAB UPGRADE
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C.4.02.01.01.OP.02	PIPs
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C.4.02.01.01.PU.02	Pip-12 Product Development
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C.4.02.01.01.SA.02	Product Development
C.4.02.01.01.SA.03	Facilitization
C.4.02.01.01.SA.04	Misc.
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C.4.02.01.02.DE	D/E Production
C.4.02.01.02.DE.01	D/E Operations Management & Admin
C.4.02.01.02.DE.02	D/E Production Control
C.4.02.01.02.DE.03	D/E Product Materials
C.4.02.01.02.DE.04	D/E Facility Operations Management & Admin
C.4.02.01.02.DE.05	D/E Logistics Support Management & Admin
C.4.02.01.02.DE.06	D/E Engineering Management & Admin
C.4.02.01.02.DE.07	D/E Maintenance Management & Admin
C.4.02.01.02.DE.08	D/E ES&H Management & Admin
C.4.02.01.02.DE.09	D/E Quality & Security Management & Admin
C.4.02.01.02.DE.99	D/E New MIPR Accounting Adjustment
C.4.02.01.02.DE.ZZ	Suspense
C.4.02.01.02.RD	SA NEW REQUIREMENTS
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C.4.02.02.01.ME.01	MSE Ballistics Test
C.4.02.02.01.SM	STARMET
C.4.02.02.01.SM.01	STARMET DU Shim Plates
C.4.02.02.01.TI	Advanced Processing Techniques
C.4.02.02.01.TI.01	Metal Laminates
C.4.02.02.01.TI.ZZ	Suspense

MILESTONE LOG

WBS Element	Description	DWP Date	Enforceable Date	Level

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish
C INEEL				
C.4 INEEL Nuclear Products and Operations				
C.4.02 Specific Manufacturing Capability Program				
C.4.02.01.01 A/B Production				
+ C.4.02.01.01.AB SMC A/B Production		201	01OCT03	30SEP04
+ C.4.02.01.01.EP SMC Engineering Projects		201	01OCT03	30SEP04
C.4.02.01.02 D/E Production				
+ C.4.02.01.02.DE D/E Production		201	01OCT03	30SEP04

FY04: OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP

Start Date	01OCT03
Finish Date	30SEP04
Data Date	01OCT03
Run Date	09SEP03 16:17

Early Bar
Progress Bar
Critical Activity

BSL0 Sheet 1 of 1

INEEL

SMC Program

Detailed Work Plan FY2004

Date	Revision	Checked	Approved

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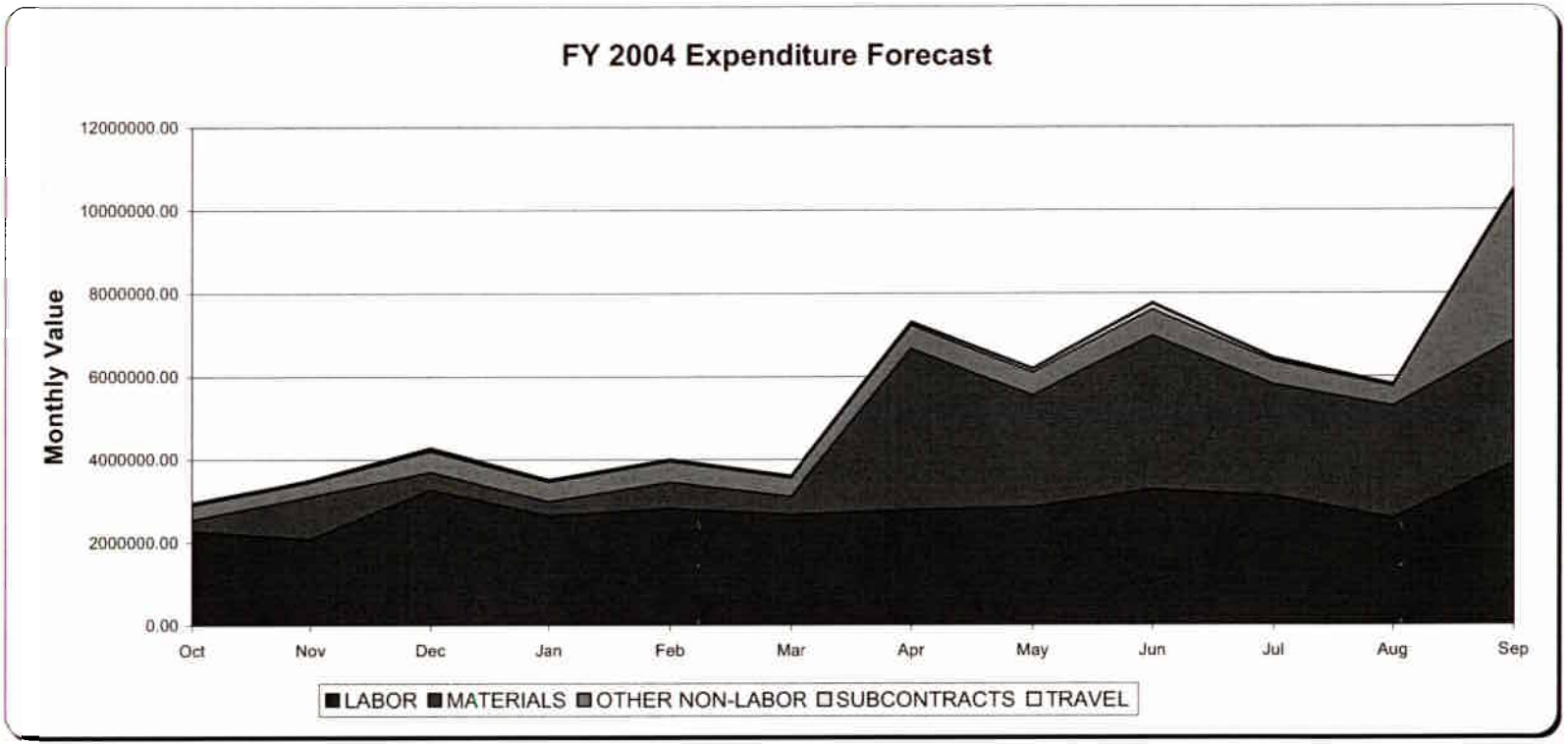
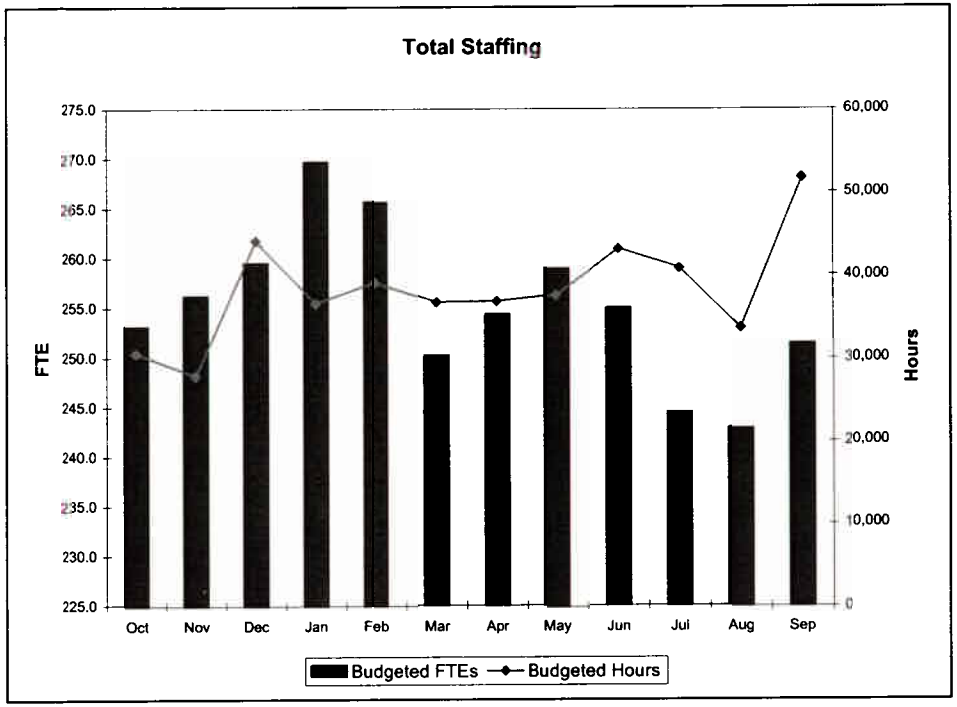
INEEL
Idaho National Engineering and Environmental Laboratory

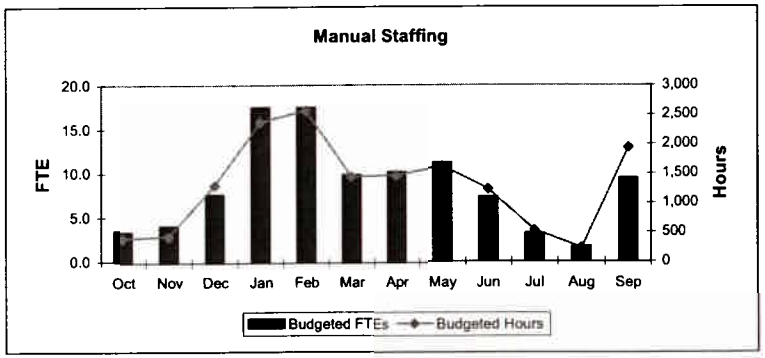
WBS[5]	WBS[6]	BE[2]		OCT 2003	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	Cumulative
C.4.02.01.01 A/B Production																
	C.4.02.01.01.AB SMC A/B Production															
		L Labor	BCWS	1,876,953	1,690,445	2,642,888	2,105,219	2,303,365	2,293,097	2,399,947	2,406,612	2,816,074	2,775,983	2,310,294	3,437,921	29,058,798
		M Material	BCWS	241,461	368,148	261,888	167,317	247,082	270,069	3,732,488	2,640,265	3,633,898	2,666,151	2,684,634	2,742,827	19,656,228
		N Other Non-	BCWS	303,807	278,350	412,307	341,520	359,046	358,641	484,131	446,691	539,836	501,361	435,266	587,252	5,048,207
		S Sub Contracts	BCWS	24,650	22,201	34,710	27,690	30,078	29,955	29,547	29,629	34,547	34,077	28,221	41,995	367,300
		T Travel	BCWS	20,385	15,340	23,869	22,413	20,698	20,614	20,336	20,392	23,743	23,423	19,432	28,818	259,463
	WBS[6] Totals:		BCWS	2,467,255	2,374,485	3,375,661	2,664,160	2,960,269	2,972,376	6,666,448	5,543,589	7,048,098	6,000,996	5,477,848	6,838,812	54,389,996
	C.4.02.01.01.EP SMC Engineering Projects															
		L Labor	BCWS	178,012	195,988	331,337	308,085	328,098	187,008	186,144	239,066	215,401	107,459	70,106	177,528	2,524,231
		M Material	BCWS	29,634	111,625	146,133	164,648	132,756	161,632	144,761	53,395	76,113	19,846	29,534	197,734	1,267,812
		N Other Non-	BCWS	23,538	26,117	57,340	97,358	103,663	64,232	65,053	73,363	64,610	25,358	11,176	2,931,868	3,543,677
		S Sub Contracts	BCWS	9,886	3,114	2,232	4,793	2,975	0	29,703	46,119	87,270	27,071	0	0	213,163
		T Travel	BCWS	9,292	8,369	29,285	2,295	1,663	1,656	1,634	7,480	12,943	1,884	5,372	9,243	91,117
	WBS[6] Totals:		BCWS	250,363	345,213	566,327	577,179	569,155	414,529	427,295	419,423	456,337	181,619	116,188	3,316,373	7,640,000
WBS[5] Totals:			BCWS	2,717,618	2,719,698	3,941,988	3,241,339	3,529,424	3,386,904	7,093,743	5,963,012	7,504,435	6,182,615	5,594,036	10,155,185	62,029,997
C.4.02.01.02 D/E Production																
	C.4.02.01.02.DE D/E Production															
		L Labor	BCWS	215,059	193,695	302,817	239,457	195,794	194,999	200,177	200,730	234,046	230,867	191,190	284,505	2,683,335
		M Material	BCWS	10,358	556,765	10,647	7,990	251,191	862	851	853	995	981	812	13,992	856,298
		N Other Non-	BCWS	27,835	44,235	39,032	31,058	39,989	31,102	30,807	30,892	36,010	35,522	29,427	44,209	420,117
		T Travel	BCWS	1,688	1,688	1,688	1,688	1,688	1,688	1,688	1,688	1,688	1,688	1,688	1,688	20,250
	WBS[6] Totals:		BCWS	254,938	796,383	354,184	280,192	488,662	228,650	233,523	234,162	272,738	269,058	223,117	344,394	3,980,000
WBS[5] Totals:			BCWS	254,938	796,383	354,184	280,192	488,662	228,650	233,523	234,162	272,738	269,058	223,117	344,394	3,980,000
			BCWS	2,972,556	3,516,081	4,296,172	3,521,530	4,018,086	3,615,554	7,327,266	6,197,174	7,777,173	6,451,672	5,817,153	10,499,579	66,009,997
			BCWS	2,972,556	3,516,081	4,296,172	3,521,530	4,018,086	3,615,554	7,327,266	6,197,174	7,777,173	6,451,672	5,817,153	10,499,579	66,009,997

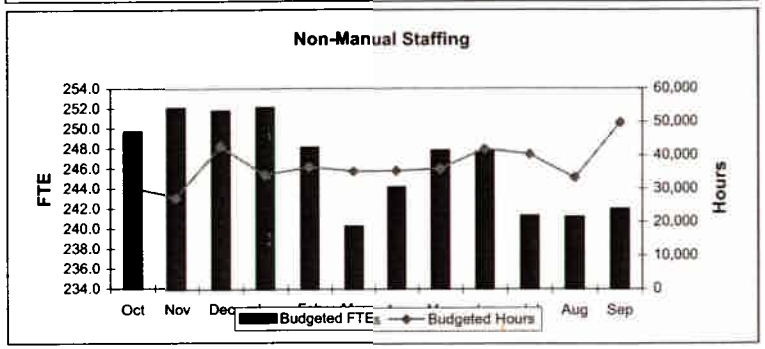


	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
LABOR	2270023.00	2080127.81	3277041.43	2652760.97	2827257.65	2675103.26	2786267.21	2846407.94	3265521.19	3114309.75	2571590.81	3899953.78
MATERIALS	281452.74	1036538.83	418668.24	339955.58	631028.75	432563.12	3878099.64	2694512.65	3711005.66	2686978.68	2714980.21	2954553.43
OTHER NON-LABOR	355179.49	348702.64	508679.91	469935.16	502697.87	453974.38	579991.31	550946.03	640455.90	562240.44	475869.40	3563328.58
SUBCONTRACTS	34536.29	25314.86	36941.50	32483.55	33052.92	29955.36	59249.89	75748.26	121816.37	61148.48	28220.88	41994.63
TRAVEL	31364.46	25396.80	54840.97	26395.15	24048.42	23958.22	23657.57	29559.51	38373.80	26994.86	26491.84	39748.55
TOTAL	2972555.97	3516080.94	4296172.05	3521530.41	4018085.60	3615554.34	7327265.62	6197174.38	7777172.92	6451672.21	5817153.15	10499578.98

LABOR PROFILE







	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Staffing												
Budgeted FTEs	253.2	256.3	259.6	269.7	265.7	250.2	254.4	259.0	255.0	244.5	242.9	251.4
Budgeted Hours	30,584	27,881	44,150	36,600	39,165	36,733	36,836	37,610	43,168	40,831	33,596	51,747
Manual Staffing												
Budgeted FTEs	3.5	4.2	7.7	17.6	17.6	10.0	10.2	11.2	7.3	3.2	1.7	9.4
Budgeted Hours	421	453	1,318	2,387	2,558	1,462	1,483	1,626	1,235	534	237	1,943
Non-Manual Staffing												
Budgeted FTEs	249.7	252.1	251.8	252.1	248.1	240.3	244.2	247.8	247.7	241.3	241.2	242.0
Budgeted Hours	30,163	27,427	42,832	34,212	36,576	35,271	35,353	35,984	41,933	40,296	33,359	49,803

Program:	Description:	Approval:
C40201	Army Products	Program Manager
Run Date:	Status Date:	Functional Manager
10/9/2003	9/30/2003	Cost Account Manager

WBS[4]	BE		OCT 2003	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	Cumulative
C.4 02.01 Army Products															
FTE															
	A14 SECRETARIAL	BCWS	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	38.28
	A20 OTHER ADMIN SUPPORT	BCWS	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	23.76
	C34 NETWORK ENGINEERING	BCWS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.49	5.99
	C36 OPERATING SYSTEMS	BCWS	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	11.88
	C38 SOFTWARE	BCWS	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.24	62.99
	E05 DESIGN	BCWS	5.01	5.82	4.92	4.57	4.90	3.58	3.25	2.92	2.91	2.61	2.81	3.19	46.49
	E06 ELECTRICAL ENGINEERING	BCWS	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	11.88
	E09 INDUSTRIAL ENGINEERING	BCWS	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.33	16.07
	E11 MECHANICAL ENGINEERING	BCWS	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	2.23	2.29	24.32
	E12 METALLURGICAL ENGINEERING	BCWS	1.23	1.23	1.23	1.12	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	12.73
	E17 QUALITY ENGINEERING	BCWS	10.89	10.89	10.89	10.89	10.89	10.89	10.89	10.89	10.89	10.89	10.89	10.89	130.68
	E18 RADIOLOGICAL ENGINEERING	BCWS	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	23.76
	E19 SAFETY ENGINEERING	BCWS	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	47.52
	E28 PROJ MGMNT	BCWS	1.92	2.29	3.03	3.80	4.06	2.23	2.04	2.52	2.18	1.22	0.18	0.06	25.53
	E34 PROJECT ENGINEER	BCWS	2.00	2.32	2.25	2.18	2.35	1.73	1.79	1.90	1.48	1.25	1.31	1.64	22.20
	E37 SECURITY AND ALARMS	BCWS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	6.00
	E39 APPLIED MECHANICS	BCWS	1.48	2.80	2.71	2.09	2.08	1.48	1.48	1.48	1.48	1.48	1.90	1.99	22.45
	E40 ENGINEERING CONFIGURATION	BCWS	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	11.88
	E41 FIRE PROTECTION	BCWS	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	11.88
	E48 OPERATIONS ENGINEER,	BCWS	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	23.76
	E54 OPERATIONS SYSTEM ENGINEER,	BCWS	13.06	13.41	13.55	13.65	13.04	12.30	11.86	13.28	11.19	10.29	9.95	9.90	145.48
	F04 EMERG PREPAREDNESS/FAC	BCWS	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	8.88
	F05 FAC OPERATIONS	BCWS	13.63	13.63	13.63	13.63	13.63	13.63	13.63	13.63	13.63	13.63	13.63	13.63	163.56
	F07 FAC/PLANT MAINTENANCE	BCWS	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	11.88
	F10 WORK PLANNING AND/OR	BCWS	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	71.28
	F17 MANUFACTURING OPERATIONS	BCWS	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	47.52
	F23 WASTE/FUEL PKG	BCWS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	6.00
	F30 OPERATIONS STAFF POSITION	BCWS	7.92	7.92	7.92	7.92	7.92	7.92	7.92	7.92	7.92	7.92	7.92	7.92	95.04
	F31 CONSTRUCTION OTHER	BCWS	0.32	0.10	0.14	0.79	0.62	0.52	0.66	1.80	2.18	0.70	0.00	0.00	7.83
	P23 TRAINING	BCWS	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	23.76
	P26 DEPT/OPS ADMIN SPEC	BCWS	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	11.88
	P33 OTHER ADMIN SERVICES	BCWS	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	11.88
	P43 WAREHOUSING AND	BCWS	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	11.76
	P44 PLANNING AND CONTROLS	BCWS	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	47.52
	S08 INDUSTRIAL HYGIENE	BCWS	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	11.88
	S21 REGULATORY COMPLIANCE -	BCWS	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	29.16
	T03 DRAFTER	BCWS	4.00	3.48	3.33	3.25	3.24	0.67	1.15	1.96	3.34	1.09	0.89	1.03	27.43
	T06 FAC OPS/HAZARD WASTE TECH	BCWS	8.26	8.26	8.26	8.26	8.26	8.26	8.26	8.26	8.26	8.26	8.26	8.26	99.12
	T09 INSTRUMENTATION/CALIBRATION	BCWS	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52
	T10 LABORATORY TECH	BCWS	1.23	1.23	1.23	1.12	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	12.73
	T12 QUALITY INSPECT TECH	BCWS	4.84	4.84	4.84	4.42	4.34	4.34	4.34	4.34	4.34	4.18	5.42	5.42	55.66
	T13 HEALTH PHYSICS TECH	BCWS	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	83.52
	T16 INDUST SAFETY/HEALTH TECH	BCWS	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	11.88
	T19 MANUFACTURING TECH	BCWS	47.80	47.78	47.79	47.79	45.17	45.17	50.15	50.15	51.14	51.14	51.15	51.14	586.37
	T23 WORK ORDER TRACK/SCHEDUL	BCWS	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	11.88
	T28 MAINTENANCE TECH (SMC)	BCWS	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	87.84
	T29 SMC MATERIAL HANDLING TECH	BCWS	10.97	10.97	10.97	10.97	10.97	10.86	9.96	9.96	9.96	9.96	9.96	9.96	125.47
	T31 MAINT TECH SMC ELECTRICAL	BCWS	10.67	10.67	10.67	10.67	10.67	10.67	10.67	10.67	10.67	10.67	10.67	10.67	128.04

T34 MAINT TECH SMC	BCWS	14.63	14.63	14.63	14.63	14.63	14.63	14.63	14.63	14.63	14.63	14.63	14.63	175.56
T39 FIRE PROTECTION TECHNICIAN	BCWS	0.99	0.99	0.99	0.99	0.99	0.99	1.07	1.10	1.09	0.99	0.99	0.99	12.17
U23 LINEMAN	BCWS	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.72
U24 LOCKSMITH	BCWS	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.60
U26 MACHINIST	BCWS	0.00	0.00	0.59	0.02	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76
U76 CONSTRUCTION IRON WORKER	BCWS	0.00	0.00	0.18	2.61	2.30	1.65	1.65	1.65	0.80	0.00	0.00	0.00	10.84
U77 CONSTRUCTION TEAMSTER	BCWS	0.42	0.37	0.41	0.90	1.01	0.70	0.70	0.80	0.57	0.28	0.22	0.22	6.60
U81 CONSTRUCTION CARPENTER	BCWS	0.00	0.37	0.00	0.33	0.60	0.55	0.55	0.55	0.27	0.00	0.00	0.00	3.22
U82 CONSTRUCTION ELECTRICIAN	BCWS	0.70	1.20	3.80	7.42	6.13	3.53	3.81	4.67	3.44	1.44	0.50	5.46	42.10
U83 CONSTRUCTION EQUIPMENT	BCWS	0.96	0.91	0.67	0.92	1.10	1.05	1.05	1.05	0.77	0.50	0.50	0.50	9.98
U84 CONSTRUCTION LABORER	BCWS	1.19	1.11	0.77	3.13	3.51	0.28	0.28	0.28	0.28	0.28	0.28	2.46	13.85
U86 CONSTRUCTION PAINTER (FORCE	BCWS	0.11	0.11	0.17	0.41	0.47	0.44	0.44	0.44	0.27	0.11	0.11	0.11	3.19
U87 CONSTRUCTION PIPE FITTER	BCWS	0.00	0.00	1.05	1.74	2.16	1.65	1.65	1.65	0.80	0.48	0.00	0.58	11.76
X16 MIXED/HAZARDOUS WASTE	BCWS	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	11.88
X22 SAFETY ANALYSIS	BCWS	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	3.96
Z03 MANAGER, OPERATIONS	BCWS	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	3.96	47.52
Z04 MANAGER, SCI/ENG FUNCTION	BCWS	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	35.64
Z07 SUPERVISOR, FAC SUPPORT	BCWS	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	23.76
Z08 SUPERVISOR, OPERATIONS	BCWS	3.96	3.96	3.96	3.96	3.95	3.96	3.96	3.96	3.96	3.96	3.96	3.96	47.51
Z09 SUPERVISOR, SCI/ENG FUNC	BCWS	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	11.88
Z10 FOREMAN, OPERATIONS	BCWS	3.40	3.39	3.39	3.40	2.97	2.96	2.96	2.97	2.97	2.97	2.97	2.97	37.32
Z11 FOREMAN, CRAFTS	BCWS	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	35.64
Results... Totals:	BCWS	253.22	256.31	259.60	269.73	265.72	250.25	254.41	259.04	255.03	244.54	242.96	251.47	3,062.28
WBS[4] Totals:	BCWS	253.22	256.31	259.60	269.73	265.72	250.25	254.41	259.04	255.03	244.54	242.96	251.47	3,062.28
Grand Totals:	BCWS	253.22	256.31	259.60	269.73	265.72	250.25	254.41	259.04	255.03	244.54	242.96	251.47	3,062.28