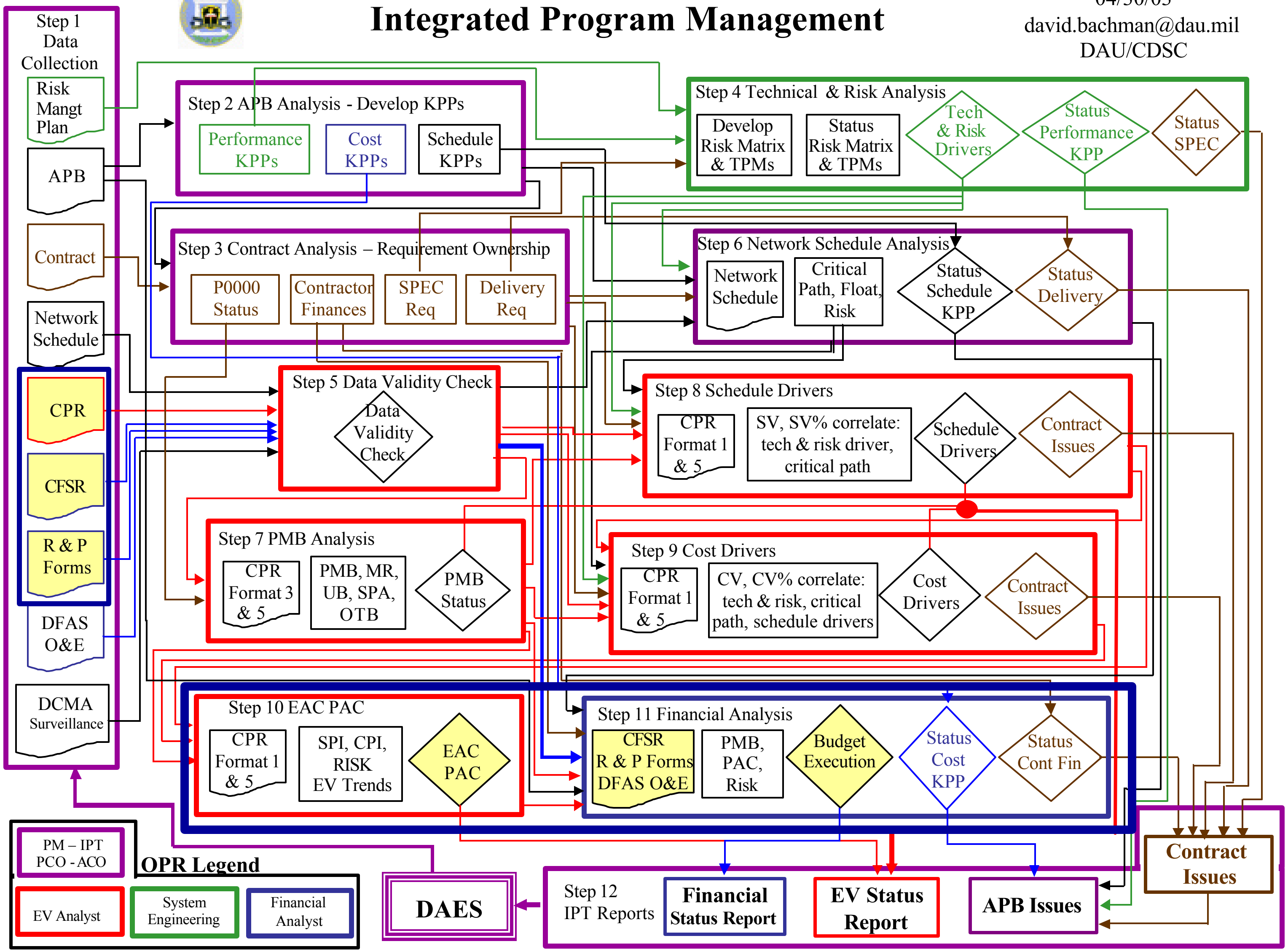
Sessions B1 & C6

CPR - CFSR Reconciliation

Dave Bachman
DAU / CDSC

Integrated Program Management

04/30/03
david.bachman@dau.mil
DAU/CDSC



COST PERFORMANCE REPORT
FORMAT 1 - WORK BREAKDOWN STRUCTURE

DOLLARS IN Thousands

1. CONTRACTOR	2. CONTRACT		3. PROGRAM	4. REPORT PERIOD
a. NAME Increda, Corp	**a. NAME** LAR SDD 2003		**a. NAME** LAR Vehicle	**a. FROM** *(YYMMDD)* 031129
b. LOCATION *(Address and ZIP Code)* 1100 W. HOLLYMOLLY ST. LOS ANGELES, CA 90293	**b. NUMBER** DAAH01-03-C-0076			**b. TO** *(YYMMDD)* 031231
	c. TYPE CPIF	**d. SHARE RATIO** 50/50 30/70	**b. PHASE** *(X one)* ☐ RDT&E ☐ PRODUCTION	

5. CONTRACT DATA

a. QUANTITY	b. NEGOTIATED COST	c. EST. COST AUTH UNPRICED WORK	d. TARGET PROFIT/ FEE	e. TARGET PRICE	f. ESTIMATED PRICE	g. CONTRACT CEILING	h. ESTIMATED CONTRACT CEILING
4/0/4	$64,711.5	$0.0	$7700.7 / 11.9%	$72,412.2	$70,301.8	$75,475.7	$75,475.7

6. ESTIMATED COST AT COMPLETION

	MANAGEMENT ESTIMATE AT COMPLETION(1)	CONTRACT BUDGET BASE (2)	VARIANCE (3)
a. BEST CASE	$59,512.6		
b. WORST CASE	$64,711.5		
c. MOST LIKELY	$63,378.7	$64,711.5	$1,332.8

7. AUTHORIZED CONTRACTOR REPRESENTATIVE

a. NAME *(Last, First, Middle Initial)*	b. TITLE	c. SIGNATURE	d. DATE SIGNED *(YYMMDD)*
Pop I Smith	Program Manager	Pop I Smith	040130

8. PERFORMANCE DATA

ITEM (1)		CURRENT PERIOD: BUDGETED COST WORK SCHEDULED (2)	CURRENT PERIOD: BUDGETED COST WORK PERFORMED (3)	CURRENT PERIOD: ACTUAL COST WORK PERFORMED (4)	CURRENT PERIOD: VARIANCE SCHEDULE (5)	CURRENT PERIOD: VARIANCE COST (6)	CUMULATIVE TO DATE: BUDGETED COST WORK SCHEDULED (7)	CUMULATIVE TO DATE: BUDGETED COST WORK PERFORMED (8)	CUMULATIVE TO DATE: ACTUAL COST WORK PERFORMED (9)	CUMULATIVE TO DATE: VARIANCE SCHEDULE (10)	CUMULATIVE TO DATE: VARIANCE COST (11)	REPROGRAMMING ADJUSTMENTS: COST VARIANCE (12)	REPROGRAMMING ADJUSTMENTS: BUDGET (13)	AT COMPLETION: BUDGETED (14)	AT COMPLETION: ESTIMATED (15)	AT COMPLETION: VARIANCE (16)
a. WORK BREAKDOWN STRUCTURE ELEMENT																
1.1 - PRIME VEHICLE	2	1,722.7	1,353.1	1,775.0	-369.6	-421.9	6,829.2	5,874.0	6,410.3	-955.2	-536.3			36,317.4	36,187.8	129.6
1.1.1 - FRAME	3	139.8	116.1	119.1	-23.7	-3.0	492.5	430.8	478.7	-61.7	-47.9			2,709.7	2,708.8	0.9
1.1.2 - SUSPENSION/STR	3	390.8	279.4	352.4	-111.4	-73.0	1,346.2	1,019.4	1,149.0	-326.8	-129.6			8,114.0	8,117.2	-3.2
1.1.3 - POWER PACKAGE	3	518.1	527.7	754.8	9.6	-227.1	1,771.7	2,046.0	2,153.8	274.3	-107.8			11,661.5	11,553.5	108.0
1.1.3.1 - ENGINE	4	168.2	161.3	263.0	-6.9	-101.7	575.3	625.1	722.5	49.8	-97.4			4,081.5	4,043.7	37.8
1.1.3.10 - COOLING SYS	4	107.7	93.0	168.3	-14.7	-75.3	368.1	360.5	462.2	-7.6	-101.7			2,332.3	2,310.7	21.6
1.1.3.9 - EXHAUST SYS	4	80.8	71.0	71.0	-9.8	0.0	276.2	275.7	275.7	-0.5	0.0			1,749.2	1,733.0	16.2
1.1.3.A - OTHER	4	161.4	202.4	252.5	41.0	-50.1	552.1	784.7	693.4	232.6	91.3			3,498.5	3,466.1	32.4
1.1.4 - AUXILIARY AUTO	3	6.3	0.4	8.5	-5.9	-8.1	13.7	3.6	13.1	-10.1	-9.5			283.5	283.5	0.0
1.1.5 - ARMAMENT	3	297.1	190.6	185.7	-106.5	4.9	1,915.6	1,480.1	1,620.1	-435.5	-140.0			4,159.5	4,161.7	-2.2
1.1.6 - BODY/CAB	3	300.0	182.3	280.6	-117.7	-98.3	1,076.2	706.8	770.4	-369.4	-63.6			3,887.2	3,851.2	36.0
1.1.7 - COMMUNICATIONS	3	50.5	56.6	69.3	6.1	-12.7	185.1	187.3	206.8	2.2	-19.5			1,927.7	1,937.2	-9.5
1.1.8 - INTEG & ASSEM	3	20.1	0.0	4.6	-20.1	-4.6	28.2	0.0	18.4	-28.2	-18.4			3,574.3	3,574.7	-0.4
1.2 - SYS PROGRAM MGT	2	295.7	216.1	299.3	-79.6	-83.2	4,293.8	3,974.4	4,238.8	-319.4	-264.4			15,843.4	15,823.2	20.2
1.2.1 - PROJECT MGMT	3	26.3	-13.7	47.9	-40.0	-61.6	892.9	852.9	898.3	-40.0	-45.4			4,151.2	4,166.7	-15.5

COST PERFORMANCE REPORT
FORMAT 1 - WORK BREAKDOWN STRUCTURE

DOLLARS IN Thousands

8. PERFORMANCE DATA

ITEM		CURRENT PERIOD					CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS		AT COMPLETION		
		BUDGETED COST		ACTUAL	VARIANCE		BUDGETED COST		ACTUAL	VARIANCE						
		WORK SCHEDULED	WORK PERFORMED	COST WORK PERFORMED	SCHEDULE	COST	WORK SCHEDULED	WORK PERFORMED	COST WORK PERFORMED	SCHEDULE	COST	COST VARIANCE	BUDGET	BUDGETED	ESTIMATED	VARIANCE
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
a. WORK BREAKDOWN STRUCTURE ELEMENT																
1.2.2 - SYSTEMS ENG	3	269.4	229.8	251.4	-39.6	-21.6	3,400.9	3,121.5	3,340.5	-279.4	-219.0			11,692.2	11,656.5	35.7
1.3 - SYS TEST & EVAL	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			2,492.3	2,492.3	0.0
1.3.1 - ACCEPT TST PLAN	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			1,400.3	1,400.3	0.0
1.3.2 - DT & OT TESTING	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			333.0	333.0	0.0
1.3.3 - MOCK-UPS	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			410.1	410.1	0.0
1.3.4 - TST & EVAL SPT	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			348.9	348.9	0.0
1.4 - TRAINING	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0
1.5 - SYS DATA	2	17.7	16.5	18.4	-1.2	-1.9	72.3	67.3	76.3	-5.0	-9.0			846.3	846.3	0.0
1.5.1 - ENG DATA	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			577.0	577.0	0.0
1.5.2 - MANAGEMENT DATA	3	17.7	16.5	18.4	-1.2	-1.9	72.3	67.3	76.3	-5.0	-9.0			269.3	269.3	0.0
1.6 - PEC SUPT EQUIP	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			1,410.7	1,410.7	0.0
1.6.1 - TEST & MEASURE	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			785.2	785.2	0.0
1.6.2 - SUPPORT & HANDL	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			625.5	625.5	0.0
1.9 - SPARES & REP	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			5,707.3	5,707.3	0.0
1.9.1 - Brakes S&R	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			1,293.2	1,293.2	0.0
1.9.2 - Wheels S&R	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			2,439.7	2,439.7	0.0
1.9.3 - Skid Plates S&R	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			104.3	104.3	0.0
1.9.4 - Engine S&R	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			117.3	117.3	0.0
1.9.5 - Drive Train S&R	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			522.0	522.0	0.0
1.9.6 - Misc. S&P	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			1,230.8	1,230.8	0.0
OV - OVERHEAD	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0
b. COST OF MONEY	2	15.2	12.5	39.0	-2.7	-26.5	151.0	149.0	162.2	-2.0	-13.2			821.8	821.8	0.0
c. GENERAL & ADMINISTRATIVE N	2	148.2	121.0	192.6	-27.2	-71.6	1,450.6	1,437.7	1,558.4	-12.9	-120.7			8,462.7	8,450.8	11.9
d. UNDISTRIBUTED BUDGET	2													0.0	0.0	0.0
e. SUBTOTAL *(Performance Measurement Baseline)*		2,051.3	1,598.2	2,131.7	-453.1	-533.5	11,346.3	10,064.7	10,887.6	-1,281.6	-822.9	0.0	0.0	63,439.2	63,289.4	149.8
f. MANAGEMENT RESERVE	2												0.0	1,272.3		
g. TOTAL		2,051.3	1,598.2	2,131.7	-453.1	-533.5	11,346.3	10,064.7	10,887.6	-1,281.6	-822.9	0.0	0.0	64,711.5		
9. RECONCILIATION TO CONTRACT BUDGET BASE																
a. VARIANCE ADJUSTMENT										0.0	0.0					
b. TOTAL CONTRACT VARIANCE										-1,281.6	-822.9			64,711.5	63,289.4	1,422.1

Unclassified

CLASSIFICATION *(When filled in)*

COST PERFORMANCE REPORT
FORMAT 2 - ORGANIZATIONAL CATEGORIES

DOLLARS IN Thousands

1. CONTRACTOR	**2. CONTRACT**		**3. PROGRAM**	**4. REPORT PERIOD**
a. NAME Increda, Corp	**a. NAME** LAR SDD 2003		**a. NAME** LAR Vehicle	**a. FROM** *(YYMMDD)* 031129
b. LOCATION *(Address and ZIP Code)* 1100 W. HOLLYMOLLY ST. LOS ANGELES, CA 90293	**b. NUMBER** DAAH01-03-C-0076			**b. TO** *(YYMMDD)* 031231
	c. TYPE CPIF	**d. SHARE RATIO** 50/50 30/70	**b. PHASE** *(X one)* RDT&E / PRODUCTION	

5. PERFORMANCE DATA

ITEM	CURRENT PERIOD					CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS		AT COMPLETION		
	BUDGETED COST		ACTUAL	VARIANCE		BUDGETED COST		ACTUAL	VARIANCE						
	WORK SCHEDULED	WORK PERFORMED	COST WORK PERFORMED	SCHEDULE	COST	WORK SCHEDULED	WORK PERFORMED	COST WORK PERFORMED	SCHEDULE	COST	COST VARIANCE	BUDGET	BUDGETED	ESTIMATED	VARIANCE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
a. ORGANIZATIONAL CATEGORY															
2A - PROGRAM OFFICE 2	167.0	167.0	155.4	0.0	11.6	1,090.5	1,090.5	901.0	0.0	189.5			5,009.4	5,009.4	0.0
2B - PROGRAM CONTROL 2	109.5	109.5	72.6	0.0	36.9	645.8	645.8	483.2	0.0	162.6			2,191.6	2,191.6	0.0
2C - SUPPORT SERVICE 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			1,252.3	1,252.3	0.0
2D - MANUFACTURING 2	375.7	375.7	405.9	0.0	-30.2	1,351.3	1,351.3	1,378.6	0.0	-27.3			18,785.2	18,785.2	0.0
2E - QUAL ASSURANCE 2	37.5	37.5	45.0	0.0	-7.5	135.1	135.1	140.3	0.0	-5.2			1,878.5	1,878.5	0.0
2F - PROCUREMENT 2	392.6	392.6	382.3	0.0	10.3	1,894.7	1,894.7	1,876.7	0.0	18.0			11,897.3	11,747.5	149.8
2G - ENGINEERING 2	953.6	503.3	1,031.7	-450.3	-528.4	6,077.8	4,798.4	5,945.8	-1,279.4	-1,147.4			21,603.0	21,603.0	0.0
OV - OVERHEAD 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0
b. COST OF MONEY 2	15.2	12.5	39.0	-2.7	-26.5	151.0	149.0	162.2	-2.0	-13.2			821.8	821.8	0.0
c. GENERAL & ADMINISTRATIVE N 2	148.2	121.0	192.6	-27.2	-71.6	1,450.6	1,437.7	1,558.4	-12.9	-120.7			8,462.7	8,450.8	11.9
d. UNDISTRIBUTED BUDGET 2													0.0	0.0	0.0
e. SUBTOTAL *(Performance Measurement Baseline)*	2,051.1	1,598.1	2,131.9	-453.0	-533.8	11,346.2	10,064.8	10,887.8	-1,281.4	-823.0	0.0	0.0	63,439.1	63,289.3	149.8
f. MANAGEMENT RESERVE 2												0.0	1,272.3		
g. TOTAL	2,051.1	1,598.1	2,131.9	-453.0	-533.8	11,346.2	10,064.8	10,887.8	-1,281.4	-823.0	0.0	0.0	64,711.4		

Unclassified

CLASSIFICATION *(When filled in)*

COST PERFORMANCE REPORT
FORMAT 3 - BASELINE

DOLLARS IN Thousands

1. CONTRACTOR	**2. CONTRACT**	**3. PROGRAM**	**4. REPORT PERIOD**
a. NAME Increda, Corp	**a. NAME** LAR SDD 2003	**a. NAME** LAR Vehicle	**a. FROM** *(YYMMDD)* 031129
b. LOCATION *(Address and ZIP Code)* 1100 W. HOLLYMOLLY ST. LOS ANGELES, CA 90293	**b. NUMBER** DAAH01-03-C-0076 **c. TYPE** CPIF **d. SHARE RATIO** 50/50 30/70	**b. PHASE** *(X one)* ☐ RDT&E ☐ PRODUCTION	**b. TO** *(YYMMDD)* 031231

5. CONTRACT DATA

a. ORIGINAL NEGOTIATED COST	b. NEGOTIATED CONTRACT CHANGES	c. CURRENT NEGOTIATED COST *(a. + b.)*	d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK	e. CONTRACT BUDGET BASE *(c. + d.)*	f. TOTAL ALLOCATED BUDGET	g. DIFFERENCE *(e. - f.)*
$64,711.5	$0.0	$64,711.5	$0.0	$64,711.5	$64,711.5	$0.0

h. CONTRACT START DATE *(YYMMDD)*	i. CONTRACT DEFINITIZATION DATE *(YYMMDD)*	j. PLANNED COMPLETION DATE *(YYMMDD)*	k. CONTRACT COMPLETION DATE *(YYMMDD)*	l. ESTIMATED COMPLETTION DATE *(YYMMDD)*
030602	030610	060530	060930	060530

6. PERFORMANCE DATA

ITEM	BCWS CUMULA-TIVE TO DATE	BCWS FOR REPORT PERIOD	BUDGETED COST FOR WORK SCHEDULED (BCWS) *(Non-Cumulative)* SIX PERIOD FORECAST						ENTER SPECIFIED PERIODS					UNDIS-TRIBUTED BUDGET	TOTAL BUDGET
			JAN	FEB	MAR	APR	MAY	JUN	FY04	FY05			TC		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
a. PERFORMANCE MEASUREMENT BASELINE *(Beginning of Period)*	9,295.0	2,095.5	1,742.3	1,793.8	1,800.8	1,762.5	1,803.7	1,830.1	5,202.2	20,452.3	0.0	0.0	15,679.3	0.0	63,457.5
b. BASELINE CHANGES AUTHORIZED DURING REPORT PERIOD															
c. PERFORMANCE MEASUREMENT BASELINE *(End of Period)*	11,346.3		2,224.5	1,777.3	1,757.4	1,750.4	1,777.4	1,775.0	5,408.2	19,626.5	0.0	0.0	15,996.1	0.0	63,439.1
7. MANAGEMENT RESERVE															1,272.3
8. TOTAL															64,711.4

Unclassified

CLASSIFICATION *(When filled in)*

COST PERFORMANCE REPORT
FORMAT 4 - STAFFING (LRE)

1. CONTRACTOR	2. CONTRACT		3. PROGRAM	4. REPORT PERIOD
a. NAME Increda, Corp	a. NAME LAR SDD 2003		a. NAME LAR Vehicle	a. FROM *(YYMMDD)* 031129
b. LOCATION *(Address and ZIP Code)* 1100 W. HOLLYMOLLY ST. LOS ANGELES, CA 90293	b. NUMBER DAAH01-03-C-0076			b. TO *(YYMMDD)* 031231
	c. TYPE CPIF	d. SHARE RATIO 50/50 30/70	b. PHASE *(X one)* ☐ RDT&E ☐ PRODUCTION	

5. PERFORMANCE DATA *(All figures in whole numbers)*

ORGANIZATIONAL CATEGORY		ACTUAL CURRENT PERIOD	ACTUAL END OF CURRENT PERIOD *(Cumulative)*	FORECAST *(Non-Cumulative)*											AT COMPLETION
				SIX PERIOD FORECAST *(Enter Names of Periods)*						ENTER SPECIFIED PERIODS					
				JAN	FEB	MAR	APR	MAY	JUN					TC	
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2A - PROGRAM OFFICE	2	11.6	67.2	11.6	25.0	25.0	12.2	12.2	12.2	27.2	108.7	0.0	0.0	72.5	373.8
2B - PROGRAM CONTROL	2	5.4	36.1	5.4	12.1	18.0	6.0	6.0	6.0	9.6	38.5	0.0	0.0	25.7	163.4
2C - SUPPORT SERVICE	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5	70.0	0.0	0.0	46.7	134.2
2D - MANUFACTURING	2	28.8	141.7	27.2	27.1	56.9	39.4	30.3	18.8	156.2	625.0	0.0	0.0	416.6	1,539.2
2E - QUAL ASSURANCE	2	3.6	20.8	5.7	6.3	0.8	4.9	0.9	1.5	24.6	98.6	0.0	0.0	65.7	229.8
2F - PROCUREMENT	2	5.0	31.0	5.6	8.2	3.2	18.0	5.6	4.6	11.2	44.9	0.0	0.0	29.9	162.2
2G - ENGINEERING	2	102.6	542.4	107.4	84.5	83.5	130.4	94.7	66.1	63.8	255.1	0.0	0.0	170.1	1,598.0
PMB - PERF MEASURE BL	N 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6. TOTAL DIRECT		157.0	839.2	162.9	163.2	187.4	210.9	149.7	109.2	310.1	1,240.8	0.0	0.0	827.2	4,200.6

Unclassified

CLASSIFICATION *(When filled in)*

UNCLASSIFIED
CLASSIFICATION

CONTRACT FUNDS STATUS REPORT (Dollars in 000)

Form Approved OMB No. 0704-0188

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1. CONTRACT NUMBER	3. CONTRACT FUNDING FOR	5. PREVIOUS REPORT DATE	7. CONTRACTOR (Name, address and zip code)	9. INITIAL CONTRACT PRICE
DAAH01-03-C-0076	INC FOR FY 03 - 06	03-09-30	Increda Corporation 1100 W. Hollymolly St Los Angeles, CA 90293	a. TARGET $72,412.2 b. CEILING $75,475.7
2. CONTRACT TYPE	**4. APPROPRIATION**	**6. CURRENT REPORT DATE**	**8. PROGRAM**	**10. ADJUSTED CONTRACT PRICE**
CPIF	RDT&E	03-12-31	LAR SDD 2003	a. TARGET $72,412.2 b. CEILING $75,475.7

11. FUNDING INFORMATION

				CONTRACT WORK AUTHORIZED			FORECAST					
LINE ITEM/WBS ELEMENT a	APPRO-PRIATION IDENTI-FICATION b	FUNDING AUTHORIZED TO DATE c	ACCRUED EXPENDITURES OPEN COMMITMENTS TOTAL d	DEFINITIZED e	NOT DEFINITIZED f	SUBTOTAL g	NOT YET AUTHORIZED h	ALL OTHER WORK i	SUBTOTAL j	TOTAL REQUIRE-MENTS k	FUNDS CARRY-OVER l	NET FUNDS REQUIRED m
LAR SDD	2040	20473	13548	72412	0	72412	0	0	0	72412	0	72412

12. CONTRACT WORK AUTHORIZED (With Fee/Profit) - ACTUAL OR PROJECTED

	ACTUAL TO DATE	04-01-30	04-02-27	04-03-26	04-07-02	04-09-30	05-09-30			AT COMPLETION
a. OPEN COMMITMENTS	1365	1320	1295	1223	2825	1263	0			0
b. ACCRUED EXPENDITURES	12183	15422	17668	19141	27519	34738	60942			72413
c. TOTAL (12a + 12b)	13548	16742	18963	20364	30344	36001	60942			72413
13. FORECAST OF BILLINGS TO THE GOVERNMENT	8756	2384	3240	2513	7870	6820	18237			72413
14. ESTIMATED TERMINATION COSTS	10942	13211	11846	11367	13961	12196	9906			0

15. REMARKS

Step 10 E - Analyst's Performance Factors and EAC

Step 10 EAC PAC: CPR Format 1 & 5 | SPI, CPI, RISK EV Trends | EAC PAC

- Selection of EAC performance factors (PF) is the quintessential job of the EV analyst. An analyst must be able to explain and defend their selections.
- **LAR SDD 2003 DEC 03–THIS MONTH'S EACs & PF**
  1. Contractor's EAC is ALWAYS the CPR format 1 or format 5 reported most likely
  2. SPI – 0.91 – Based on a weighting of Exhaust and Engine SPIcur
  3. CPI – 0.92 – Based on PMB CPI_{cum} adjusted for unfavorable trends
  4. EAC Low is based on a CPI_{cum} PF and assumes MR is spent
  5. EAC High is based on a CPI * SPI PF and assumes MR is spent
  6. Most Likely is based on a CPI * SPI PF and assumes MR not spent

Cumulative CPI & SPI

LAR SDD 2003 | DEC 03

	DESCRIPTION	LVL	LL	SV	CV	VAC	VAR	SPI	CPI
1	PERF MEASURE BL	2		↓	↓	↔	scS	0.86[illegible]	0.924
2	LAR	[illegible]		↓	↓	↔	scS	0.867	0.924
3	PRIME VEHICLE	2		[illegible]	↓	↓	scS	0.860	0.916
4	ARMAMENT	3	√	↓	↑	↔	sS	0.773	0.914
5	BODY/CAB	3	√	↔	↓	↔	scS	0.657	0.917
6	SUSPENSION/STR	3	√	↔	↓	↔	scSC	0.757	0.887
7	SYS PROGRAM MGT	2		↓	↓	↔	sc	0.926	[illegible]
8	SYSTEMS ENG	3	√	↔	↔	↔	s	0.918	0.934
9	FRAME	3	√	↓	↑	↔	sSC	0.875	0.900
10	PROJECT MGMT	3	√	↔	↓	↔	sc	0.955	0.949
11	INTEG & ASSEM	3	√	↔		↔	scSC	0.000	0.000
12	GEN & ADMIN	2	√	↓	↓	↓	sc	0.991	0.923
13	AUXILIARY AUTO	3	√	↓	↓	↔	scSC	0.263	0.275
14	COOLING SYS	4	√	↓	↓	↔	scC	0.979	0.780
15	MANAGEMENT DATA	3	√	↔	↔	↔	cC	0.931	0.882

Current CPI & SPI

LAR SDD 2003 | DEC 03

	DESCRIPTION	LVL	LL	SV	CV	VAC	VAR	SPI	CPI
1	LAR	1		↓	↓	↔	scS	0.779	0.750
2	PERF MEASURE BL	2		↓	↓	↔	scS	[illegible]	0.750
3	PRIME VEHICLE	2		↓	↓	↓	[illegible]	0.765	0.762
4	BODY/CAB	3	√	↓	↓	↔	scS	0.608	0.650
5	SUSPENSION/STR	3	√	↓	↓	↔	scSC	0.715	0.793
6	ARMAMENT	3	√	↓	↑	↔	sS	0.642	1.026
7	SYS PROGRAM MGT	2		↓	↓	↔	sc	0.731	0.722
8	PROJECT MGMT	3	√	↓	↓	↔	sc	-0.521	-0.286
9	SYSTEMS ENG	3	√	↓	↓	↔	s	0.853	0.914
10	GEN & ADMIN	2	√	↓	↓	↓	sc	0.816	0.628
11	FRAME	3	√	↓	↑	↔	sSC	0.830	0.975
12	INTEG & ASSEM	3	√	↔		↔	scSC	0.000	0.000
13	COOLING SYS	4	√	↓	↓	↔	scC	0.864	0.553
14	EXHAUST SYS	4	√	↓	↔	↔	s	0.879	1.000
15	ENGINE	4	√	↓	↓	↔	cC	0.959	0.613

Increda Contract Data

6. ESTIMATED COST AT COMPLETION	MANAGEMENT ESTIMATE AT COMPLETION (1)	CONTRACT BUDGET BASE (2)	VARIANCE (3)
a. BEST CASE	$59,512.6		
b. WORST CASE	$64,711.5		
c. MOST LIKELY	$63,378.7	$64,711.5	$1,332.8

7. AUTHORIZED CONTRACTOR REPRESENTATIVE		
a. NAME (Last, First, Middle Initial) Pop I Smith	b. TITLE Program Manager	
c. SIGNATURE *Pop I Smith*		d. DATE SIGNED (YYMMDD) 040130

LAR EACs as of DEC 2003

Increda $63,379K - TCPI – 1.02

LAR JPO Estimates

Low - $70,286 TCPI – 0.90

High - $76,160 TCPI – 0.82

Most Likely - $74,641 TCPI – 0.84

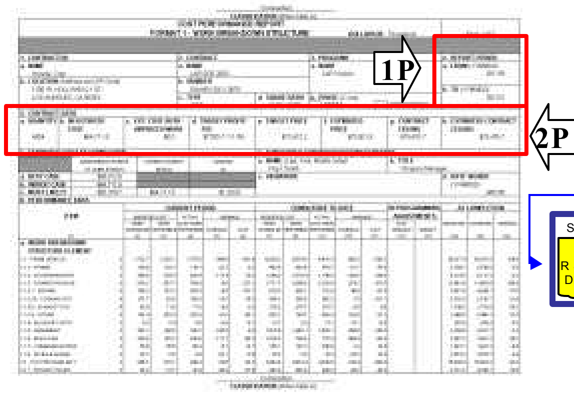
Step 10 F – Price at Completion

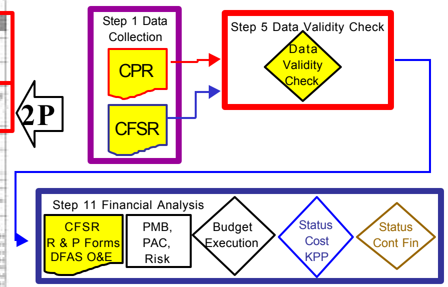
From wInsight Executive Summary DEC 03

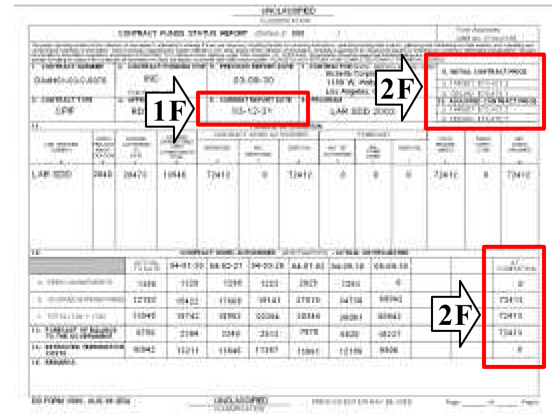
CONTRACT TYPE:	CPIF	TARGET FEE $:	7,700.7
CONTRACT PERIOD:	10 JUN 2003 - 30 May 2006	TARGET FEE %:	11.9
NEGOTIATED COST:	64,711.5	TARGET PRICE:	72,412.2
EST AUTH UNPRICED:	0.0	CEILING:	75,475.7
CONTR BUDGET BASE:	64,711.5	SHARE RATIO ABOVE:	50/50
TOTAL ALLOC BUDGET:	64,711.5	SHARE RATIO BELOW:	70/30
PERF MEASUREMENT BL:	63,439.2	MIN FEE:	5%
MANAGEMENT RESERVE:	1,272.3	MAX FEE:	15%

Most Likely EAC	**$74,641.2**
Contract Budget Base	**- $64,711.5**
Forecast (Overrun) / Underrrun EAC – CBB	**= ($ 9,929.7)**
Target Fee	**$ 7,700.7**
Minimum Fee (CBB * Min Fee %)	**+ $ 3,235.6**
Share Ratio	**50 / 50**
Fee Adjustment (Over) or Under * Share Ration	**($ 4,964.9)**
Adjusted Fee Target Fee – Fee Adjustment	**$ 2,735.8**
Price at Completion EAC + Adjusted Fee	**= $77,876.8**

Step 11 B1a Reconcile CFSR & CPR Contract Data

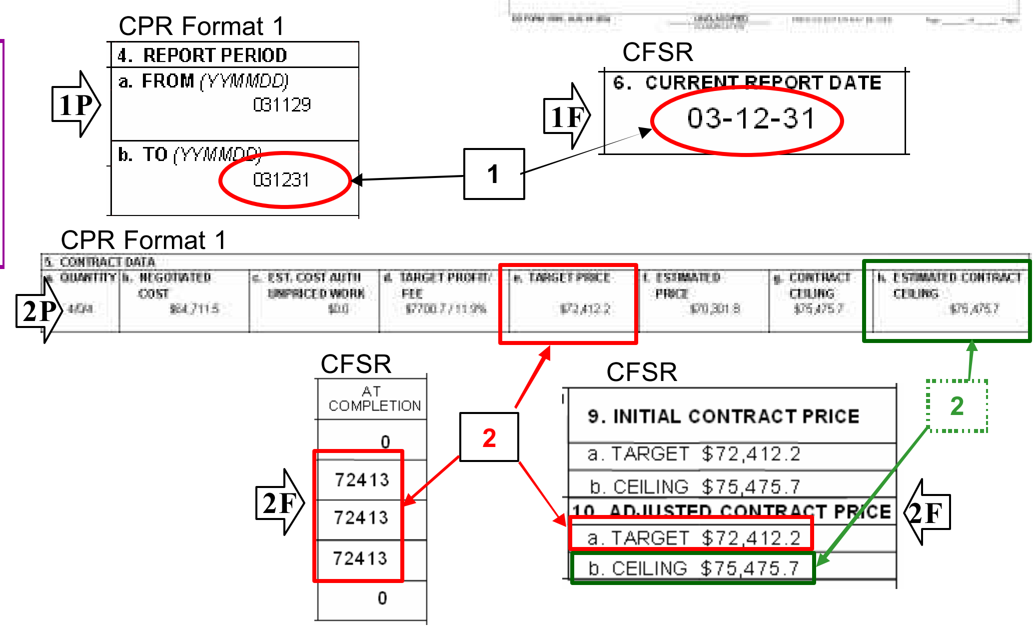




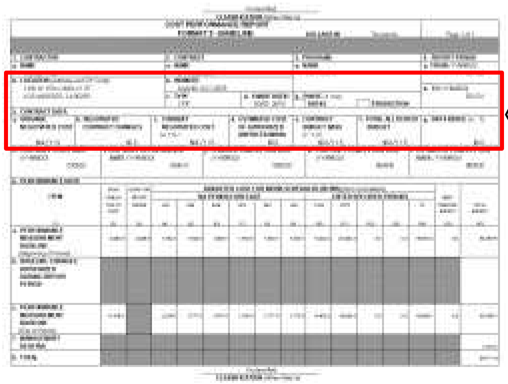


LAR SDD 2003 DEC03 CPR – CFSR Reconciliation

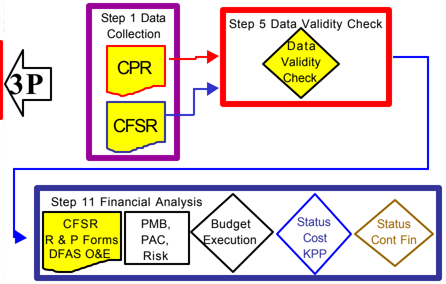
1. Report Dates
2. Contract Data CFSR Box 9 & 10 CPR F1 Box 5

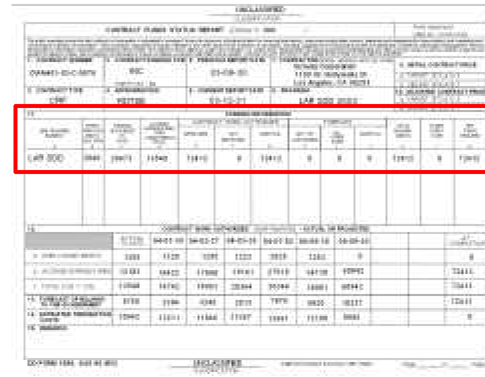


Step 11 B1b Reconcile CFSR & CPR Contract Data



3P





3F

LAR SDD 2003 DEC03 CPR – CFSR Reconciliation

3. Projected Contract Work Authorization CFSR Box 11 v CPR F3 Box 5 – To compare CPR and CFSR values, The CPR value must be multiplied by the LAR Target Fee of 11.9%.

CPR Format 3

b. LOCATION *(Address and ZIP Code)*	b. NUMBER			b. TO *(YYMMDD)*
1100 W. HOLLYMOLLY ST. LOS ANGELES, CA 90293	DAAH01-03-C-0076			031231
	c. TYPE CPIF	d. SHARE RATIO 50/50 30/70	b. PHASE *(X one)* X RDT&E PRODUCTION	

3P

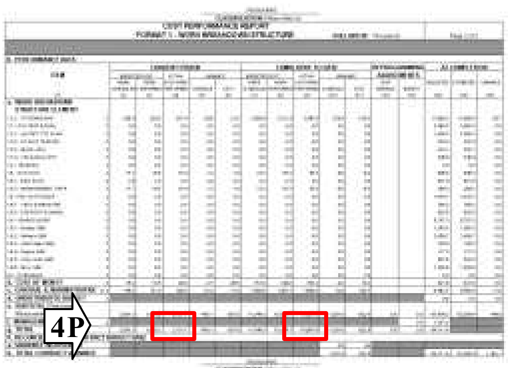
5. CONTRACT DATA						
a. ORIGINAL NEGOTIATED COST	b. NEGOTIATED CONTRACT CHANGES	c. CURRENT NEGOTIATED COST *(a. + b.)*	d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK	e. CONTRACT BUDGET BASE *(c. + d.)*	f. TOTAL ALLOCATED BUDGET	g. DIFFERENCE *(e. - f.)*
$64,711.5	$0.0	$64,711.5	$0.0	$64,711.5	$64,711.5	$0.0

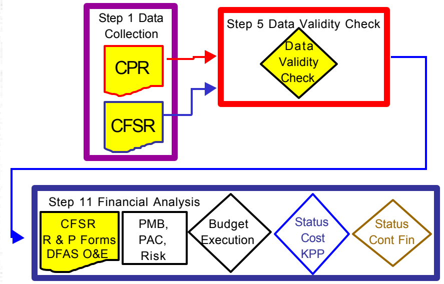
CFSR

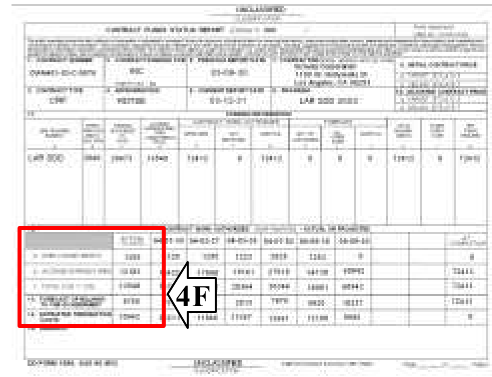
3F

11.				FUNDING INFORMATION								
				CONTRACT WORK AUTHORIZED			FORECAST					
LINE ITEM/WBS ELEMENT a	APPRO-PRIATION IDENTI-FICATION b	FUNDING AUTHORIZED TO DATE c	ACCRUED EXPENDITURES OPEN COMMITMENTS TOTAL d	DEFINITIZED e	NOT DEFINITIZED f	SUBTOTAL g	NOT YET AUTHORIZED h	ALL OTHER WORK i	SUBTOTAL j	TOTAL REQUIRE-MENTS k	FUNDS CARRY-OVER l	NET FUNDS REQUIRED m
LAR SDD	2040	20473	13548	72412	0	72412	0	0	0	72412	0	72412

Step 11 B2 Reconcile Actuals to Date







LAR SDD 2003 DEC03 CPR – CFSR Reconciliation

4. Reconcile Expenditures and Billings CFSR Box 11 & 12 CPR F1 Box 8.g.(9)

a. The CPR is @ cost; b. The CFSR is @ price; c. LAR - min fee 5.0%; d. LAR – target fee 11.9%

8. PERFORMANCE DATA

ITEM	CURRENT PERIOD					CUMULATIVE TO DATE				
	BUDGETED COST		ACTUAL	VARIANCE		BUDGETED COST		ACTUAL	VARIANCE	
	WORK SCHEDULED	WORK PERFORMED	COST WORK PERFORMED	SCHEDULE	COST	WORK SCHEDULED	WORK PERFORMED	COST WORK PERFORMED	SCHEDULE	COST
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
g. TOTAL	2,051.3	1,598.2	2,131.7	-453.1	-533.5	11,346.3	10,064.7	10,887.6	-1,281.6	-822.9

CPR Format 1

4P

Reconcile	Expenditures
CPR DEC ACWPcum	10887.6
CPR DEC ACWP @ Min Fee	11432.0
CFSR Accrued Exp	12183.0
Apparently CFSR @ Target Fee	**11.9%**

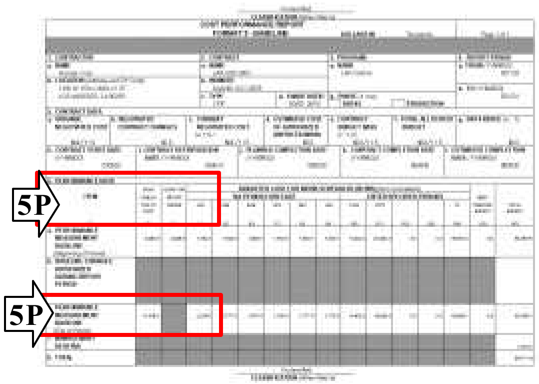
12.	ACTUAL TO DATE
a. OPEN COMMITMENTS	1365
b. ACCRUED EXPENDITURES	12183
c. TOTAL *(12a + 12b)*	13548
13. FORECAST OF BILLINGS TO THE GOVERNMENT	8756
14. ESTIMATED TERMINATION COSTS	10942
15. REMARKS	

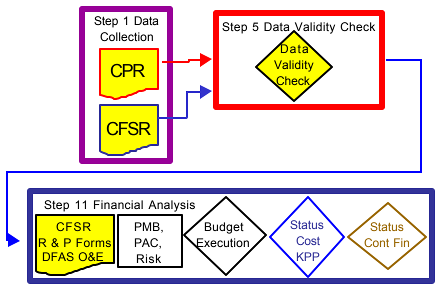
4F

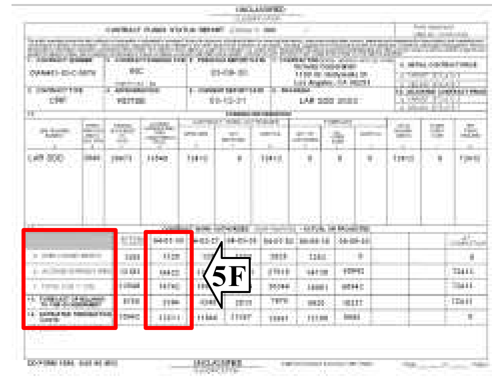
CFSR

Reconcile	Billings
CPR DEC ACWPcum	10887.6
CPR DEC ACWPcur	(2131.7)
Approx NOV ACWPcum	8755.9
NOV CPR ACWP @ Min Fee	9193.7
CFSR Actual Billing to Gov	8756.0
Apparent CFSR Fee	Zero

Step 11 B3 Reconcile Projected Obligations





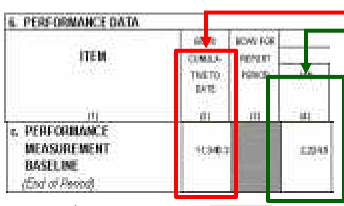


LAR SDD 2003 DEC03 CPR – CFSR Reconciliation

5. Projected Obligations - CFSR Box 12b Projected v CPR F3 Box 6c – The CFSR accrued Expenditures are cumulative @ Price. The CPR Format 3 period BCWS is non-cumulative @ cost.

CPR Format 3

5P



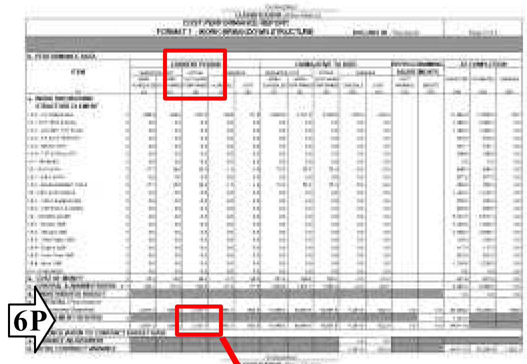
CFSR

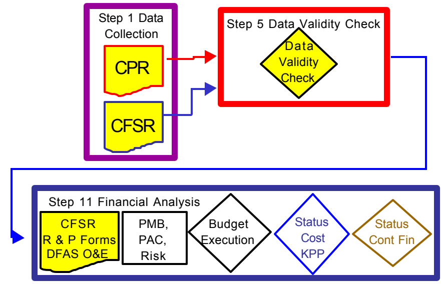
5F

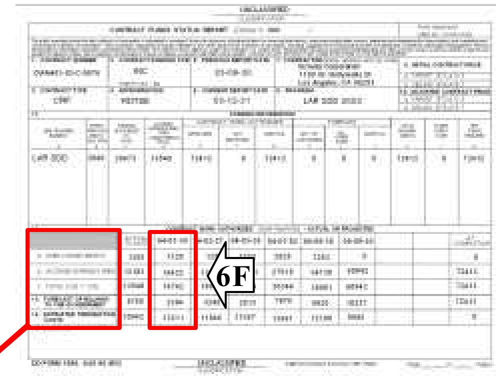
	04-01-30
a. OPEN COMMITMENTS	1320
b. ACCRUED EXPENDITURES	15422
c. TOTAL (12a + 12b)	16742
13. FORECAST OF BILLINGS TO THE GOVERNMENT	2384
14. ESTIMATED TERMINATION COSTS	13211

Reconcile	$BCWS_{cum}$ DEC	BCWScur JAN	BCWScum JAN	FEE	Projected Obligations JAN
CPR F3	11346.3	2224.5	13570.8	5%	14249.3
CPR F3	11346.3	2224.5	13570.8	11.9%	15185.7
CFSR					15422.0

Step 11 B4a Reconcile Projected Expenditures







LAR SDD 2003 DEC03 CPR – CFSR Reconciliation – *Assumes One Month Lag*

6. Projected Billings - CFSR Box 13 Projected v CPR F1Box 8g4 & F3 Box 6c – CFSR Forecast Billings are non-cum @ Price (comp & ATD are cum). The CPR Format 1 & 3 period BCWS is non-cumulative @ cost.

8. PERFORMANCE DATA

ITEM	CURRENT PERIOD				
	BUDGETED COST		ACTUAL	VARIANCE	
	WORK SCHEDULED	WORK PERFORMED	COST WORK PERFORMED	SCHEDULE	COST
(1)	(2)	(3)	(4)	(5)	(6)
g. TOTAL	2,051.3	1,598.2	2,131.7	-453.1	-533.5

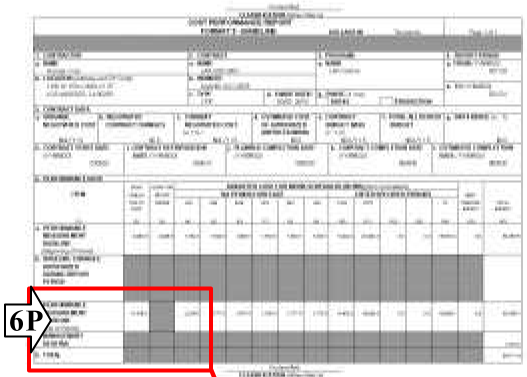
CFSR

6F

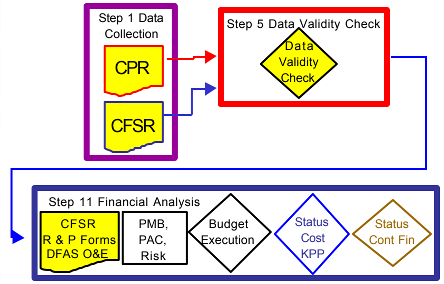
	04-01-30
a. OPEN COMMITMENTS	1320
b. ACCRUED EXPENDITURES	15422
c. TOTAL (12a + 12b)	16742
13. FORECAST OF BILLINGS TO THE GOVERNMENT	2384
14. ESTIMATED TERMINATION COSTS	13211

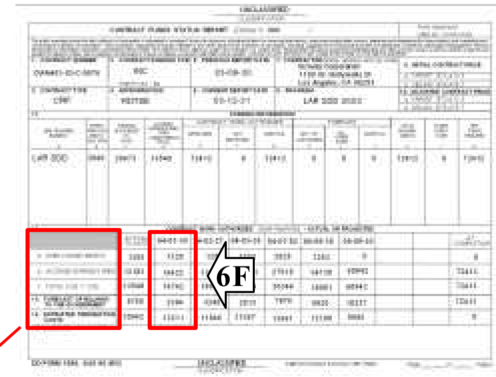
Reconcile One month delay	$ACWP_{cur}$ DEC Format 1	FEE	Projected Billing JAN
CPR	2131.7	5%	2238.3
CPR	2131.7	11.9%	2385.4
CFSR			2384.0

Step 11 B5a Reconcile Projected Expenditures



6P





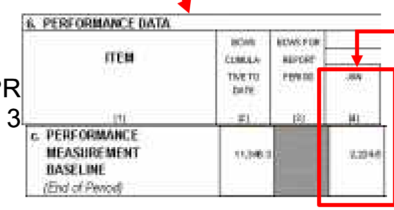
6F

LAR SDD 2003 DEC03 CPR – CFSR Reconciliation – *Assumes One Month Lag*

6. Projected Billings - CFSR Box 13 Projected v CPR F3 Box 6c – CFSR Forecast Billings are non-cum @ Price (comp & ATD are cum). The CPR Format 3 period BCWS is non-cumulative @ cost.

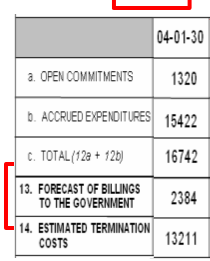
CPR Format 3

6P



CFSR

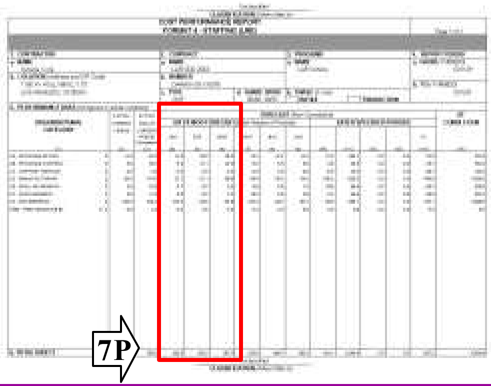
6F

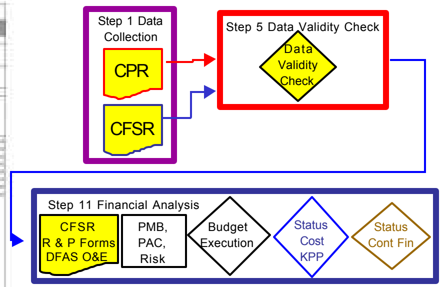


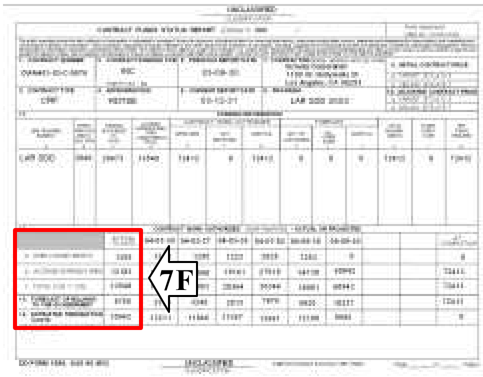
	04-01-30
a. OPEN COMMITMENTS	1320
b. ACCRUED EXPENDITURES	15422
c. TOTAL (12a + 12b)	16742
13. FORECAST OF BILLINGS TO THE GOVERNMENT	2384
14. ESTIMATED TERMINATION COSTS	13211

Reconcile One month delay	$BCWS_{cur}$ JAN Format 3	FEE	Projected Billing FEB
CPR F3	2224.5	5%	2235.7
CPR F3	2224.5	11.9%	2489.2
CFSR			2384.0

Step 11 B6 Reconcile Estimated Termination Costs







LAR SDD 2003 DEC03 CPR – CFSR Reconciliation

7. Estimated Termination Costs - CFSR Box 14 v CPR F4 LRE Box 5 – The CPR Format 4 can provide an estimation for termination costs. Forward pricing the Format 4 LRE labor loading for three months plus unbilled expenditures should approximate the estimated termination cost.

7P

CPR Format 4

5. PERFORMANCE DATA (A/	SIX PERIOD FORECAST		
ORGANIZATIONAL CATEGORY	JAN	FEB	MAR
(1)	(4)	(5)	(6)
2A - PROGRAM OFFICE	11.6	25.0	25.0
2B - PROGRAM CONTROL	5.4	12.1	18.0
2C - SUPPORT SERVICE	0.0	0.0	0.0
2D - MANUFACTURING	27.2	27.1	56.9
2E - QUAL ASSURANCE	5.7	6.3	0.8
2F - PROCUREMENT	5.6	8.2	3.2
2G - ENGINEERING	107.4	84.5	83.5
PMB - PERF MEASURE BL	0.0	0.0	0.0

	Jan	Feb	Mar	Total	Rates/HR	$ (000)
PROGRAM OFFICE	11.6	25.0	25.0	61.6	83.75	825.4
PROGRAM CONTROL	5.4	12.1	18.0	35.5	83.75	475.7
SUPPORT SERVICE	0.0	0.0	0.0	0.0	58.33	0.0
MANUFACTURING	27.2	27.1	56.9	111.2	76.27	1357.0
QUAL ASSURANCE	5.7	6.3	0.8	12.8	51.11	104.7
PROCUREMENT	5.6	8.2	3.2	17.0	67.88	184.6
ENGINEERING	107.4	84.5	83.5	275.4	84.5	3723.4
				Total Labor @ cost		6670.9
				Total Labor @ target fee		7004.4
				Unbilled Expenditures		4792.0
				Estimated Termination Cost		11796.4

CFSR

12.	ACTUAL TO DATE
a. OPEN COMMITMENTS	1365
b. ACCRUED EXPENDITURES	12183
c. TOTAL (12a + 12b)	13548
13. FORECAST OF BILLINGS TO THE GOVERNMENT	8756
14. ESTIMATED TERMINATION COSTS	10942

7F

Solution Step 11CFSR Reconciliation

UNCLASSIFIED
CLASSIFICATION

CONTRACT FUNDS STATUS REPORT *(Dollars in* **000** *)*

Form Approved
OMB No. 0704-0188

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1. CONTRACT NUMBER	**3. CONTRACT FUNDING FOR**	**5. PREVIOUS REPORT DATE**	**7. CONTRACTOR** *(Name, address and zip code)*	**9. INITIAL CONTRACT PRICE**
DAAH01-03-C-0076	INC FOR FY 03 - 06	03-09-30	Increda Corporation 1100 W. Hollymolly St Los Angeles, CA 90293	a. TARGET $72,412.2 b. CEILING $75,475.7
2. CONTRACT TYPE	**4. APPROPRIATION**	**6. CURRENT REPORT DATE**	**8. PROGRAM**	**10. ADJUSTED CONTRACT PRICE**
CPIF	RDT&E	03-12-31	LAR SDD 2003	a. TARGET $72,412.2 b. CEILING $75,475.7

11. FUNDING INFORMATION

LINE ITEM/WBS ELEMENT a	APPRO-PRIATION IDENTI-FICATION b	FUNDING AUTHORIZED TO DATE c	ACCRUED EXPENDITURES OPEN COMMITMENTS TOTAL d	CONTRACT WORK AUTHORIZED: DEFINITIZED e	NOT DEFINITIZED f	SUBTOTAL g	FORECAST: NOT YET AUTHORIZED h	ALL OTHER WORK i	SUBTOTAL j	TOTAL REQUIRE-MENTS k	FUNDS CARRY-OVER l	NET FUNDS REQUIRED m
LAR SDD	2040	20473	13548	72412	0	72412	0	0	0	72412	0	72412

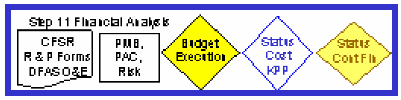
Revised

12. CONTRACT WORK AUTHORIZED *(With Fee/Profit)* **- ACTUAL OR PROJECTED**

	ACTUAL TO DATE	04-01-30	04-02-27	04-03-26	04-07-02	04-09-30	05-09-30			AT COMPLETION
a. OPEN COMMITMENTS	1365	1320	1295	1223	2825	1263	0			0
b. ACCRUED EXPENDITURES	11432	13768	15634	17479	23047	28726	49334			72413
c. TOTAL *(12a + 12b)*	12797	15088	16929	18702	25872	29989	49334			72413
13. FORECAST OF BILLINGS TO THE GOVERNMENT	8756	2239	2336	1866	5568	5652	20783			72413
14. ESTIMATED TERMINATION COSTS	10942	13211	11846	11367	13961	12196	9906			0

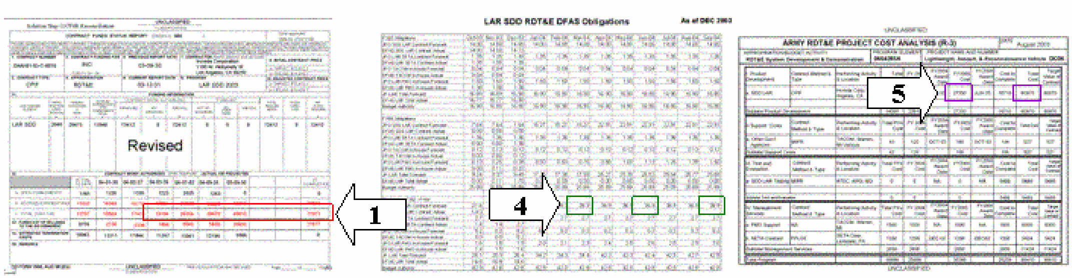
15. REMARKS

Step 11 D & E Reconcile PAC and Contractor Finances



Reconcile the LAR PAC to Evaluate Misappropriation Potential

1. Determine the most probable BCWS Profile @ Price from CPR 3 & CFSR
2. Adjust BCWS Profile for Schedule Performance (Step 10 SPI – 0.91)
3. Adjust BCWP Profile for Cost Performance (Step 10 CPI – 092)
4. Confirm Budget Availability FY04 – JPO Budget Plan
5. Confirm Budget Availability FYDP – R-3



	04-03-26	04-07-02	04-09-30	05-09-30	PAC
1 Accrued Expenditures @ Price BCWS	19184	26354	30470	49815	77877
2 Schedule Adjust BCWS X SPI = BCWP	17457	23982	27728	45332	77877
3 Cost Adjust Funds Req BCWP ÷ CPI = ACWP	18975	26067	30139	49274	77877
4 & 5 Funding Available	29300	36900	36900	64250	80970
Forward Financing (MR)	10325	10833	6761	14976	3093