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STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

Mail Stop PV-11 • Olympia, Washington 98504-8711 • (206) 459-6000

October 23, 1990



Mr. P. E. Rasmussen
Contract Management Branch
Procurement Division
Department of Energy
P.O. Box 550
Richland, Washington 99352

Re: FY 91 APPLICATIONS FOR RCRA AND CERCLA OVERSIGHT

Dear Mr. Rasmussen:

Please note the enclosed information, which has been developed in response to your letter to Jim Martin of October 2, 1990. This information details costs which Ecology expects to incur in federal fiscal 1991, as it fulfills its responsibilities under the Hanford Federal Facility Agreement and Consent Order (TPA). Enclosures one, two, and three provide breakouts of specific staff needs and costs under our pending RCRA and CERCLA oversight grants.

The text which follows provides additional information pertinent to your inquiries.

I. Personnel and Contractor Costs

Delays in grant finalization are already resulting in a number of specific difficulties. As an example, hiring that was scheduled to occur in October, November, and December is now in the process of being deferred until late this year, or early 1991. The impact of these deferrals on our abilities under the TPA grows more serious each day.

As requested, work tasks have been assigned corresponding hours and contract dollars. Each of these tasks is set forth in the TPA as carry over from FY 90 or is scheduled to occur in FY 91. I have also provided a narrative description of policy and technical support activities (and associated staffing levels) in enclosure 3.

II. Travel Costs

Ecology has no plans to reassign positions located at its Olympia headquarters to our newly established Kennewick field office. However, we are sensitive to your concern that grant monies earmarked for travel be efficiently managed. In addition, I intend to ensure that our Kennewick office is established as an effective addition to Project management here in Olympia. I have asked my staff to consolidate travel both to and from the Tri-Cities wherever possible, and to develop for me an analysis of travel requirements and opportunities for savings. This information will be utilized by Ecology management as our offices develop over the next few years.

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Mr. P.E. Rasmussen
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III. Computer Equipment

Tasks performed by technical staff invariably require the use of personal computers. Given our workload requirements, we cannot delay the purchase of this equipment.

IV. Laboratory Costs

Costs under this object are necessary to provide independent assurance that environmental data generated under the TPA are of documented quality, and satisfy quality assurance and quality control requirements for their intended use. During FY 91 we intend to collect and analyze split samples during the following activities: geological investigations; surface water and sediment investigations; vadose zone investigations; ground water, and other environmental investigations.

Hiring of the lead person responsible for these activities is temporarily deferred pending grant approval. Field activities are anticipated beginning in April, 1991. This delay in hiring has resulted in a "scaling back" of our original request of \$112,000 to \$45,000. Analytical cost estimates are based on averaged laboratory costs of \$4,100/sample for chemical and physical analysis of surface, ground water, and vadose zone samples. These estimates assume samples which contain a radioactive content not greater than 1 millirem.

V. Yakima Indian Nation

The Department of Ecology continues to be concerned that Yakima Indian Nation concerns are heard and incorporated throughout the course of past-practice site investigations. We have consequently included monies within our grant requests to ensure the development of a meaningful dialogue between the Yakimas and the State. We share your concern that duplicative grants should be avoided. However, we do not agree that this necessitates a single grant direct to the Yakimas. I would appreciate you forwarding me a copy of DOE's pending YIN grant so that we may continue to pursue an effective relationship with the Yakimas.

VI. Grant Continuance

As you are aware, Ecology's current RCRA and CERCLA grant awards expire on October 31, 1990. In your October 2, 1991, letter you stated that prior to approval of Ecology's FY 91 grant requests DOE plans to continue Ecology funding at a monthly spending rate of \$188,832. Please note that an allocation of this amount would prove far from adequate for Ecology to meet its responsibilities under the TPA. Monthly payroll expenditures alone, for Project RCRA and CERCLA activities, total \$155,262 (this total includes payroll, benefits, and overhead).

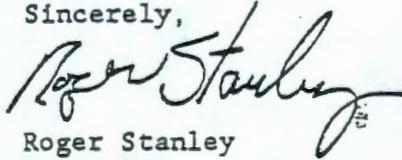
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Mr. P.E. Rasmussen
October 23, 1990
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My staff are currently preparing budget estimates for November cash flow requirements (to include an evaluation of the potential use of carryover funds). It is my hope that our respective staff can meet no later than Friday, October 26 in order to resolve this particular issue, and to discuss other grant application concerns. I have asked Mr. Tim Nord to act as Ecology lead in these discussions and would appreciate you coordinating activities with Tim at (206) 438-7021.

Your assistance in helping us finalize Ecology's FY 91 oversight grants at the earliest possible date, and thereby minimizing adverse impacts on TPA implementation is appreciated.

Sincerely,



Roger Stanley
Manager
Nuclear and Mixed Waste Management

Enclosures

cc: Terry Husseman
Jim Martin
Tim Nord
Steve Wisness

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ENCLOSURE 1

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BUDGET INFORMATION - Non-Construction Programs

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.		\$	\$	\$	\$	\$
2.						
3.						
4.						
5. TOTALS		\$	\$	\$	\$	\$

SECTION B - BUDGET CATEGORIES

6 Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
a. Personnel	\$ 978,987	\$	\$	\$	\$ 978,987
b. Fringe Benefits	244,747				244,747
c. Travel	171,000				171,000
d. Equipment	108,044				108,044
e. Supplies	136,931				136,931
f. Contractual	1,800,000				1,800,000
g. Construction	0				0
h. Other	0				0
i. Total Direct Charges (sum of 6a - 6h)	3,439,709				3,439,709
j. Indirect Charges	471,872				471,872
k. TOTALS (sum of 6i and 6j)	\$ 3,911,581	\$	\$	\$	\$ 3,911,581
7. Program Income	\$	\$	\$	\$	\$

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TASK	ECOLOGY HOURS/TECHNICAL ¹	ESTIMATED CONTRACT SUPPORT	COMMENT ²
HWVP Permit Application DOE NOD Response #3 28 Review Resp/Draft Permit 464 Public Comment 192 Response Pub Com/Issue 192 Issue NOD #4 756 DOE NOD Response #4 288 Issue NOD #5 756 DOE Nod Response #5 288 Total 2,964		100 K 100 K 100 K 300 K	Contracts will be for chemical, mechanical and structural engineering support. Some regulatory support is also included.
Group Permit Application DOE NOD Response #4 57.6 Review Resp/Draft Permit 528 Public Comment 216 Response Pub Com/Issue 144 Total 945.6		90 K 90 K	Contracts will be for a final technical and regulatory review of the permit application.
300 Area Solvent Evaporator Issue NOD #3 12 DOE NOD Response #3 96 Review Resp/Public Comment 60 Response Pub Com/Approve 60 Total 228			
2727-S DOE Response #3 38.4 Review Resp/Public Comment 60 Response Pub Com/Approve 60 Total 158.4			
616 Storage Facility DOE Response #3 56 Review Resp/Draft Permit 176 Public Comment 144 Response Pub Com/Issue 96 Total 472			
2101-M Pond Draft Permit/Public Comment 163 Response Pub Com/Approve 96 Total 259			

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TASK	ECOLOGY HOURS/TECHNICAL ¹	ESTIMATED CONTRACT SUPPORT	COMMENT ²
SST/WAP SST/WAP Phase II SST Rewrite Review #2 Total	 270 48 180 498	 100 K 100 K	Contracts will be for technical review of SST sampling analytical results.
SST Closure Schedule NOD #2 DOE Review Draft Plan Total	 316 120 128 564	 50 K 50 K	Contracts will be for technical (hydrogeology) and regulatory support.
Slurry Treatment/Storage Public Comment Response Pub Com/Approve Total	 163.2 96 259.2		
183-H Evap Basins P/C Permit DOE Response #1 Issue NOD #2 DOE NOD Response #2 Review Resp/Draft Permit Public Comment Response Pub Com/Issue Total	 140 432 160 216 192 128 1,268	 50 K 30 K Total 80 K	Contracts will be for technical (hydrogeology and engineering) support.
Low-Level Burial Grounds Issue NOD #3 DOE NOD Response #3 Review Resp/Draft Permit Public Comment Response Pub Com/Issue Total	 336.4 192 232 192 128 1,080.4	 60 K 30 K Total 90 K	Contracts will be for technical and regulatory support (engineering and hydrogeology).
Nonradioactive Landfill Issue NOD #2 DOE NOD Response #2 Review Closure Plan Public Comment Response Pub Com/Approve Total	 280.8 144 216 240 128 1,764.8	 100 K 30 K Total 130 K	Contracts will be for technical (engineering and hydrogeology) and regulatory support.

TASK	ECOLOGY HOURS/TECHNICAL ¹	ESTIMATED CONTRACT SUPPORT	COMMENT ²
305-B Storage Facility DOE Nod Response #2 Review Permit/Draft Permit Public Comment Response Pub Com/Issue Total	 32 184 168 112 496	 30 K Total 30 K	Contracts will be for technical/regulatory review of permit application.
216-B-3 Pond DOE NOD Response #2 Review Closure Plan Public Comment Response Pub Com/Approve Total	 4 192 216 128 540		
304 Concretion Facility DOE NOD Response #2 Review Closure Plan Public Comment Response Pub Com/Approve Total	 70.4 184 168 112 534.4		
300 Area Waste Acid System DOE NOD Response #1 Issue NOD #2 DOE NOD Response #2 Review Closure Plan Public Comment Response Pub Com/Approve Total	 16 276 96 184 168 112 852	 30 K 30 K	Contracts will be for technical (engineering) support.
PUREX Tunnels Issue NOD #1 DOE NOD Response #1 Issue NOD #2 DOE NOD Response #2 Review Resp/Draft Permit Public Comment Response Pub Com/Issue Total	 410.4 240 432 160 216 192 128 1,778.4	 60 K 30 K 90 K	Contracts will be for regulatory support and technical (hydrogeology and engineering) support.

TASK	ECOLOGY HOURS/TECHNICAL ¹	ESTIMATED CONTRACT SUPPORT	COMMENT ²
105-DR Issue NOD #1 DOE NOD Response #1 Issue NOD #2 DOE NOD Response #2 Review Closure Plan Public Comment Response Pub Com/Approve Total	211.6 144 276 96 179.2 168 112 1,186.8	60 K 60 K	Contracts will be for regulatory review.
303-K Storage Area DOE NOD Response #2 Review Closure Plan Public Comment Response Pub Com/Approve Total	52.8 136 144 96 428.8		
4843 FFTF Sodium Storage Issue NOD #1 DOE NOD Response #1 Issue NOD #2 Total	696 240 348 1,284	60 K 30 K 90 K	Contracts will be for regulatory review.
DST Issue NOD #1 DOE NOD Response #1 Begin Drafting NOD #2 Total	792 129.6 921.6	100 K 40 K 10 K 150 K	Contracts will be for technical review (engineering and hydrogeology).
242-A Evaporator Issue NOD #1 DOE NOD Response #1 Begin Drafting NOD #2 Total	696 108 804	60 K 20 K 10 K 90 K	Contracts will be for engineering and regulatory support.
3718-F Alkali Metal Trt/Stor Issue NOD #1 DOE NOD Response #1 Begin Drafting NOD #2 Total	696 108 804	60 K 60 K	Contracts will be for regulatory support.

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TASK	ECOLOGY HOURS/TECHNICAL ¹	ESTIMATED CONTRACT SUPPORT	COMMENT ²
325 Waste Treatment Issue NOD #1	487.2	30 K	Contracts will be for regulatory support.
Total	487.2	30 K	
LERF Issue NOD #1 DOE NOD Response #1	792 129.6	80 K 30 K	Contracts will be for regulatory and technical (engineering and hydrogeology) support.
Total	921.6	110 K	
Liquid Effluent Study Review Review/Issue Response Follow-up	240 240	50 K 50 K	Contracts will be for technical review.
Total	480	100 K	
Construction Oversight	1,760		Oversite of construction activities.
Total	1,760		
Hazardous Waste Inspections TSD Inspections Generator Inspections	2,160 1,560		Total FTE's available 2.6. Total committed 2.1. Remaining 0.5 are for unanticipated events.
Total	3,720		
RCRIS	1,320		TSD computer database required to be installed and maintained pursuant to state authorization requirements.
Total	1,320		
Technical Assistance for Public Involvement	320	16.5 K	Workshops, CPN, presentations, TPA quarterly meetings, NWAC, etc. Does not include public involvement for closure plans/permits.
Total	320	16.5 K	
Special Projects	880	50 K	Tank assessment negotiations, technical coordination with other Ecology/Federal Programs, and unanticipated events.
Total	880	50 K	
Nuclear Waste Advisory Council Public Involvement ³	80 80	53.5 53.5 K	See attachment 2.
Total	80	53.5 K	

TASK	ECOLOGY HOURS/TECHNICAL ¹	ESTIMATED CONTRACT SUPPORT	COMMENT ²
Grand Total	30,060.2 Hours	1,800 K	

1. These figures represent all the hours Ecology technical staff will devote to the respective project. It includes responding to Ecology management requirements, working with USDOE/WHC and their consultants, interacting with Ecology consultants, and coordinating with other public agencies at different phases of the project.

These figures do not include supervision, clerical, training, or travel time between Olympia and Richland. Travel time between destinations is not accounted for in any figure within this grant.

2. See attachment 1 for summary of associated activities.
3. See attached proposal.

ATTACHMENT 1

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Summary of Projected FY 1991 Activities

In Support of RCRA Program Development

Under the Hanford Federal Facility Agreement and Consent Order

Projected Activities For FY 1991

Numerous programmatic, policy and technical issues related to implementation of the Hanford Federal Facility Agreement and Consent Order will be addressed during FY 1991 by the RCRA unit. These issues and associated activities are either related to general requirements for implementation of the Tri-Party Agreement, or are of site-wide significance, and not readily identifiable to a specific TSD unit. These issues and activities include, but are not limited to the following:

- o Preparation and issuance of the RCRA Facility Permit.
- o Review of proposed Tri-Party Agreement procedures and addendum
- o Negotiations on regulatory compliance issues, including the Tank Integrity Assessment program
- o Review of NEPA/SEPA documents related to RCRA Activities
- o Coordination with other regulatory programs, including solid waste, water quality and air programs
- o Meetings and coordination with the Washington State Department of Health on radionuclide control issues
- o Development of liquid discharge levels for RCRA TSD units
- o Development of Facility wide Background standards
- o Review, comment and initiate follow-up on the Liquid Effluent Study
- o Development of more efficient guidance for permit submittals
- o Development and coordination of Ecology contractors
- o Program planning activities for current and future work
- o Participation in Quarterly Public meetings and other public participation activities
- o Hiring, Training and other program development activities

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ATTACHMENT 2

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STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

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Public Involvement Plan Proposal for 1991
NWAC PI Committee
September 20, 1990

The goal of the public involvement program of the Washington State Nuclear Waste Advisory Council is to assure widespread public awareness and involvement in the cleanup of Hanford.

The Council provides a forum where the public can bring issues and where there can be in depth briefings on complex issues. The members, the public and the media have the opportunity to ask questions of key people dealing with nuclear waste issues.

To that end, the NWAC can serve as a coordinator of information from various sources and opinions for the public, as well as presenting that information in various forums around the state.

The council could hold 12 town meetings and forums for a cost of \$23,500. These would be held in non-council meeting site cities across the state.

Facility Rental	\$1,000	
NWAC Travel	3 members, @\$450 each	\$9,000
Staff Travel	3 members, @450 each	\$9,000
Advertising	@\$250 each	\$4,000
Materials		\$500

TOTAL: \$23,500

The Council would also reach people through booths at 4 regional fairs. Two would be in the west and two in the east. The sites would be changed each year.

Rental	\$1,000
Staff Travel and Per Diem	\$10,000
Materials	\$3,000

TOTAL: \$14,000

The weekend before the NWAC meets in a city, a booth would be set up at the local mall, 6 times a year.

Rental	\$2,000
Staff Travel and Per Diem	\$5,000
Materials	\$3,000
Advertising	\$1,500

TOTAL: 10,500

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To reach opinion leaders in communities around the state with information about the Hanford cleanup, Council members would give speeches to service clubs. These could be scheduled 18 times a year

NWAC Travel	\$750
Staff Travel	\$750

TOTAL: \$1500

Other costs under this plan would include:

Display Development	\$2,000
Newsletter (cost shared with the transportation grant)	\$2,000

TOTAL COST OF THE PROGRAM: \$53,500

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RCRA PERSONNEL COSTS

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RCRA FEDERAL ASSISTANCE - FY 91 PERSONNEL COSTS

Headquarters

<u>Hire Date</u>	<u>Position Title</u>	<u>Incumbent</u>	<u>% of FTE</u>	<u>No. Mo.</u>	<u>Cost</u>
HANFORD SECTION MGMT/CLERICAL					
	Environmentalist 5	T. Nord	.50	12	22,763
	Clerk Typist 3	D. Baldonado	.50	12	11,022
	Clerk Typist 3	J. Pierce	.50	12	11,022
	Pub. Info. Officer 1	A. Beers	.25	12	7,479
1/1/91	Pub. Info. Officer 2	Planned	.50	10	13,760
HANFORD SECTION RCRA UNIT					
	Environmentalist 4	T. Michelena	1.00	12	41,238
1/1/91	Environmentalist 4	Planned	1.00	10	34,365
	Environmentalist 3	P. Stasch	1.00	12	35,552
1/1/91	Environmentalist 3	Planned	1.00	10	29,627
	Environmentalist 2	M. Gordan	1.00	12	30,681
	Environmentalist 2	M. Lerchen	1.00	12	30,681
	Hydrogeologist 3	K. Kowalik	1.00	12	41,238
	Env. Engineer 3	G. Anderson	1.00	12	44,406
	Env. Engineer	B. King	1.00	12	44,406
	Env. Engineer 2	J. Witczak	.70	12	26,810
2/1/91	Env. Engineer 2	Planned	1.00	9	28,725
HANFORD SECTION POLICY & TECHNICAL SUPPORT UNIT					
Temporary	Env. Planner 3	G. Hughes	.50	6	10,310
1/1/91	Env. Planner 3	Planned	.50	10	17,183
1/1/91	Env. Planner 3	Planned	.50	10	17,183
1/1/91	Env. Planner 3	Planned	.50	10	17,183
1/1/91	Environmentalist 3	Planned	.50	10	14,813
1/1/91	Environmentalist 2	Planned	.50	10	12,784
PROGRAM SUPPORT SECTION					
1/1/91	Environmentalist 5	Planned	.40	10	15,175
	Cont. Specialist 3	K. Journey	.40	12	16,093
	Cont. Specialist 2	J. Swanberg	.40	12	13,885
	Cont. Specialist 1	L. Boblet	.40	12	11,967
	Env. Planner 2	R. Kirkwood	.40	12	14,221
1/1/91	CIC 1	Planned	.20	10	3,929
1/1/91	Fiscal Tech Acctg.	Planned	.50	10	8,405
1/1/91	Secretary 1	Planned	.40	10	7,517
1/1/91	Clerk Typist 3	Planned	.40	10	7,348
	Clerk Typist 2	S. Lewis	.40	12	8,263

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PROGRAM MANAGEMENT

Asst. Director	T. Husseman	.20	12	12,244
Program Mgr.	R. Stanley	.30	12	16,642
Admin. Asst. 3	H. Thurston	.20	12	4,925
Secretary 1	L. McClafin	.30	12	6,766
Environmentalist 5	M. Power	.30	12	12,371
Perf. Assess. Mgr.	D. Provost	.30	12	<u>16,645</u>

TOTAL HEADQUARTERS PERSONNEL COSTS \$719,624

Kennewick Office

Hire Date	Position Title	Incumbent	% of FTE	No. Mo.	Cost
KENNEWICK OFFICE MANAGEMENT & SUPPORT					
	Environmentalist 5	G. Rothwell	.50	12	22,763
1/1/91	Env. Planner 3	Planned	.50	10	17,183
1/1/91	Environmentalist 2	Planned	.50	10	12,784
	Clerk Typist 3	J. Kinmark	.50	12	11,022
3/1/91	Clerk Typist 2	Planned	.50	8	6,889
HANFORD SECTION RCRA UNIT					
1/1/91	Environmentalist 4	Planned	1.00	10	34,365
	Environmentalist 3	D. Willy	1.00	12	35,552
4/1/91	Environmentalist 2	Planned	1.00	7	17,897
	Environmentalist 1	S. McKinney	1.00	12	27,132
1/1/91	Hydrogeologist 2	Planned	1.00	10	29,370
	Env. Engineer 3	H. Rantala	1.00	12	<u>44,406</u>

TOTAL KENNEWICK PERSONNEL COSTS \$259,363

GRAND TOTAL PERSONNEL COSTS 978,987

BENEFITS (25% OF SALARIES) 244,747

INDIRECT (48.2% OF SALARIES) 471,872

TOTAL PERSONNEL COSTS \$1,695,606

TOTAL FTE 29.95

RCRA TRAVEL COSTS

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RCRA FEDERAL ASSISTANCE - FY 91 TRAVEL COSTS

IN-STATE TRAVEL

Headquarters

<u>Hire Date</u>	<u>Position Title</u>	<u>Incumbent</u>	<u>Rd Trips Per Year</u>	<u>Fare/Trip \$208 ea.</u>	<u>Car Rent \$32/Day</u>	<u>Subsistence \$ 26/Day</u>	<u>Per Deim \$66/Day</u>	<u>Total</u>
HANFORD SECTION MGMT/CLERICAL								
	Environmentalist 5	T. Nord	13	2,704	512	260	198	3,674
	Clerk Typist 3	D. Baldonado						
	Clerk Typist 3	J. Pierce						
	Pub. Info. Officer 1	A. Beers	2	416	64	52	0	532
1/1/91	Pub. Info. Officer 2	Planned	7	1,456	288	130	132	2,006
HANFORD SECTION RCRA UNIT								
	Environmentalist 4	T. Michelena	50	10,400	1,984	988	792	14,164
1/1/91	Environmentalist 4	Planned	20	4,160	800	390	330	5,680
	Environmentalist 3	P. Stasch	25	5,200	992	494	396	7,082
1/1/91	Environmentalist 3	Planned	20	4,160	800	390	330	5,680
	Environmentalist 2	M. Gordon	25	5,200	992	494	396	7,082
	Environmentalist 2	M. Lerchen	25	5,200	992	494	396	7,082
	Hydrogeologist 3	K. Kowalik	20	4,160	800	390	330	5,680
	Env. Engineer 3	G. Anderson	25	5,200	992	494	396	7,082
	Env. Engineer 3	B. King	25	5,200	992	494	396	7,082
	Env. Engineer 2	J. Witczak	25	5,200	992	494	396	7,082
2/1/91	Env. Engineer 2	Planned	18	3,744 ⁰⁰	736	338	330	5,148
HANFORD SECTION POLICY & TECHNICAL SUPPORT UNIT								
	Temporary Env. Planner 3	G. Hughes	4	832	160	78	66	1,136
1/1/91	Env. Planner 3	Planned	5	1,040	192	104	66	1,402
1/1/91	Env. Planner 3	Planned	5	1,040	192	104	66	1,402
1/1/91	Env. Planner 3	Planned	5	1,040	192	104	66	1,402
1/1/91	Environmentalist 3	Planned	7	1,456	288	130	132	2,006

RCRA Travel Costs - FY 91

Page 2

1/1/91	Environmentalist 2	Planned	5	1,040	192	104	66	1,402
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PROGRAM MANAGEMENT

Asst. Director	T. Husseman	2	416	64	52	0	532
Program Mgr.	R. Stanley	5	1,040	160	130	0	1,330
Admin. Asst. 3	H. Thurston						
Secretary 1	L. McClafin	1	208	32	26	0	266
Environmentalist 5	M. Power	3	624	128	52	66	870
Perf. Assess. Mgr.	D. Provost	15	3,120	608	286	264	<u>4,278</u>

TOTAL HEADQUARTERS TRAVEL COSTS \$101,082

Kennewick Office

<u>Hire Date</u>	<u>Position Title</u>	<u>Incumbent</u>	<u>Rd Trips</u> <u>Per Year</u>	<u>Fare/Trip</u> <u>\$208 ea.</u>	<u>Car Rent</u> <u>\$32/Day</u>	<u>Subsistence</u> <u>\$ 26/Day</u>	<u>Per Deim</u> <u>\$66/Day</u>	<u>Total</u>
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KENNEWICK OFFICE MANAGEMENT & SUPPORT

	Environmentalist 5	G. Rothwell	7	1,456	256	156	66	1,934
1/1/91	Env. Planner 3	Planned	6	1,248	256	104	132	1,740
1/1/91	Environmentalist 2	Planned	6	1,248	256	104	132	1,740
	Clerk Typist 3	J. Kinmark	1	208	64	0	66	338
3/1/91	Clerk Typist 2	Planned						

HANFORD SECTION RCRA UNIT

1/1/91	Environmentalist 4	Planned	15	3,120	608	286	264	4,278
	Environmentalist 3	D. Willy	14	2,912	544	286	198	3,940
4/1/91	Environemtanalist 2	Planned	10	2,080	384	208	132	2,804
	Environmentalist 1	S. McKinney	14	2,912	544	286	198	3,940
1/1/91	Hydrogeologist 2	Planned	10	2,080	384	208	132	2,804
	Env. Engineer 3	H. Rantala	12	2,496	480	234	198	<u>3,408</u>

TOTAL KENNEWICK TRAVEL COSTS \$26,926

RCRA Travel Costs - FY 91

Page 3

OUT-OF-STATE TRAVEL

Meetings, Conferences, Seminars, Training
22 trips per year @ \$1,664 = \$36,608
6 trips per year @ \$1,064 = 6,384

TOTAL IN-STATE TRAVEL 128,008

TOTAL OUT-OF-STATE TRAVEL 42,992

GRAND TOTAL TRAVEL COSTS \$171,000

NOTE: twenty-five percent of all trips were estimated to be overnight stays.
For each overnight trip, car rental is calculated for two days.

ENCLOSURE 2

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BUDGET INFORMATION — Non-Construction Programs

REVISED CERCLA

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.		\$	\$	\$	\$	\$
2.						
3.						
4.						
5. TOTALS		\$	\$	\$	\$	\$

SECTION B - BUDGET CATEGORIES

Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
a. Personnel	\$ 742,877	\$	\$	\$	\$ 742,877
b. Fringe Benefits	185,719				185,719
c. Travel	97,296				97,296
d. Equipment	100,344				100,344
e. Supplies	146,170				146,170
f. Contractual	630,000				630,000
g. Construction	0				0
h. Other	0				0
i. Total Direct Charges (sum of 6a - 6h)	1,902,406				1,902,406
j. Indirect Charges	358,067				358,067
k. TOTALS (sum of 6i and 6j)	\$ 2,260,473	\$	\$	\$	\$ 2,260,473
7. Program Income	\$	\$	\$	\$	\$

TASK	ECOLOGY HOURS/TECHNICAL ¹	ESTIMATED CONTRACT SUPPORT	COMMENT ²
1100-EM-1 Review RI Phase 1 Report Review FS Phases 1 & 2 Reports Evaluate RI Phase 2 Data	32 110 140 Total 282	No contract support.	EPA lead operable unit.
200-BP-1 Evaluate Data and Analyses Review Preliminary FS Phase 1 Activities Review FS Phases 1 & 2 Data/Analyses	130 40 72 Total 242	No contract support.	EPA lead operable unit.
300-FF-1 Evaluate RI Phase 1 Data Evaluate Data Analyses/ Assessments Review FS Phases 1 & 2 Activities	160 70 40 Total 270	16 K 16 K	TSD units within operable unit. Contractor review of RI Phase 1 Data and Assessments.
300-FF-5 Evaluate RI Phase 1 Data Evaluate RI Phase 1 Data/ Analyses Evaluate FS Phase 1 Alternatives	225 290 90 Total 605	20 K 12 K 32 K	TSD units within operable unit. Contractor review of RI Data Analysis and FS.
100-HR-1 Work Plan Review and Approval Evaluate RFI Phase 1 Data Evaluate CMS Phase 1 Activities	380 760 430 Total 1,570	12 K 20 K 32 K	Ecology lead operable unit. Contractor review of Work Plan, RFI Phase 1 Data.

TASK	ECOLOGY HOURS/TECHNICAL ¹	ESTIMATED CONTRACT SUPPORT	COMMENT ²
100-HR-3 Work Plan Review and Approval Evaluate RFI Phase 1 Data Evaluate Performance Assessment Models Total	 660 1,740 620 3,020	 30 K 10 K 8 K 48 K	Ecology lead groundwater operable unit. Contractor review of Work Plan, RI Phase 1 Data, Performance and Assessment.
100-DR-1 Work Plan Review and Approval Evaluate RFI Phase 1 Data Evaluate CMS Phase 1 Data Total	 420 760 390 1,570	 18 K 10 K 8 K 36 K	Ecology lead operable unit.
100-BG-1 Work Plan Review and Approval Evaluate RI Phase 1 Data Review FS Phase 1 Activities Total	 110 90 60 260	 16 K 16 K	EPA lead operable unit. Contractor review of Work Plan, RI Phase 1 Data.
100-BG-5 Work Plan Review and Approval Evaluate RI Phase 1 Data Evaluate Preliminary FS Phase 1 Data Evaluate Performance Assessment Models Total	 200 180 110 125 615	 4 K 12 K 8 K 8 K 32 K	EPA lead operable unit. Contractor review of Work Plan, RI Phase 1 Data, Performance Assessment.
100-KR-1 Work Plan Review and Approval Evaluate RI Phase 1 Data Total	 60 180 240	 4 K 12 K 16 K	EPA lead operable unit

TASK	ECOLOGY HOURS/TECHNICAL ¹	ESTIMATED CONTRACT SUPPORT	COMMENT ²
100-KR-4 Work Plan Review and Approval Evaluate RI Phase 1 Data Evaluate FS Activities, Performance Assessment	200 190 230 Total 620	4 K 12 K 16 K 32 K	EPA lead operable unit. Contractor review of Work Plan, RI Phase 1 Data, FS, Performance Assessment.
100-NR-1 Work Plan Review Work Plan Approval	1,980 1,220 Total 3,200	80 K 26 K 106 K	Ecology lead groundwater operable unit.
100-NR-3 Work Plan Review Work Plan Approval	700 480 Total 1,180	50 K 19 K 69 K	TSD units within operable unit. Ecology lead operable unit. Assumes 3 quarters work.
100-FR-1 Work Plan Review	230 Total 230	16 K 16 K	EPA lead operable unit.
200-UP-2 Work Plan Review	1,180 Total 1,180	67 K 67 K	Ecology lead operable unit. Assumes 3 quarters work.
200-BP-5 Work Plan Review	60 Total 60	4 K 4 K	EPA lead agency. Assumes 1 quarter work.
100-BC-2 Work Plan Review	110 Total 110	8 K 8 K	EPA lead agency. Assumes 2 quarters work.
Past Practice Streamlining	240 Total 240		Over 4 quarters.
Liquid Effluent Study	140 Total 140		Over 2 quarters.

TASK	ECOLOGY HOURS/TECHNICAL ¹	ESTIMATED CONTRACT SUPPORT	COMMENT ²
Technical Assistance for Public Involvement	180		Workshops, presentations, TPA quarterly meetings, NWAC, etc.
	Total 180		
Special Projects	420		Technical coordination with other Ecology/Federal Programs and unanticipated events.
	Total 420		
GRAND TOTALS	16,234 Hours	530 K	

1. These figures represent all the hours Ecology technical staff will devote to the respective project. It includes responding to Ecology management requirements, working with USDOE/WHC and their consultants, interacting with Ecology consultants, and coordinating with other public agencies at different phases of the project.

These figures do not include supervision, clerical, training, or travel time between Olympia and Richland. Travel time between destinations is not accounted for in any figure within this grant.

2. See attachment 1 for summary of associated activities.

ATTACHMENT 1

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Summary of Projected FY 1991 Activities

In Support of CERCLA and RCRA/HSWA Program Development

Under the Hanford Federal Facility Agreement and Consent Order.

Projected Activities For FY 1991

Numerous programmatic, policy and technical issues related to implementation of the Hanford Federal Facility Agreement and Consent Order were addressed in FY 1990 by the Hanford Project, CERCLA Unit in coordination with USDOE and EPA. Many of these issues will continue into FY 1991, or will likely be replaced with similar issues. These issues and associated activities are either related to general requirements for implementation of the Tri-Party Agreement, or are of site-wide significance, and not readily identifiable to a specific operable unit. These issues and activities include, but are not limited to the following:

- o Action Plan update activities; meetings and correspondence
- o Review of proposed Tri-Party Agreement procedures² and addendum, including EII's
- o Discussions, review and final approval of the Hanford Past Practice Work Plan Strategy
- o Meetings with EPA and USDOE regarding CERCLA/RCRA integration, preparation of Hanford Site Past Practice Work Plan Guidance document
- o Review and approval of Hanford Site Expedited Remedial Actions
- o Joint EPA/Ecology responses to Hanford Site removal actions
- o Review and approval of the Liquid Effluent Study
- o Review and comment on ISV Treatability testing, other alternative technologies
- o Development of NEPA/SEPA compliance and land use policies
- o Review and approval of risk assessment models
- o Review and approval of performance assessment models
- o Quality assurance/quality control audits of historical and new Hanford Site data
- o Meetings, discussions and correspondence with Washington State Department of Environmental Health regarding data and risk assessment
- o Inter-agency data management, including establishing remote access to HEIS and WIDS

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- o Hanford security and database training for Ecology personnel
- o Hanford Project information systems development and coordination
- o Hanford Project GIS program development
- o Evaluation of ARC/INFO systems
- o Development, review and approval of ARARs, potential remediation standards
- o Review, comment and meetings on USDOE "North Slope Investigation Report."
- o Participation in Quarterly Public Meetings
- o Activities related to contractual support
- o Internal Hanford Project program development, including hiring and training new staff

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CERCLA PERSONNEL COSTS

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CERCLA FEDERAL ASSISTANCE - FY 91 PERSONNEL COSTS

Headquarters

<u>Hire Date</u>	<u>Position Title</u>	<u>Incumbent</u>	<u>% of FTE</u>	<u>No. Mo.</u>	<u>Cost</u>
HANFORD SECTION MGMT/CLERICAL					
	Environmentalist 5	T. Nord	.50	12	22,763
	Clerk Typist 3	D. Baldonado	.50	12	11,022
	Clerk Typist 3	J. Pierce	.50	12	11,022
	Pub. Info. Officer 1	A. Beers	.25	12	7,479
1/1/91	Pub. Info. Officer 2	Planned	.50	10	13,760
HANFORD SECTION CERCLA UNIT					
	Environmentalist 4	L. Goldstein	1.00	12	41,238
1/1/91	Environmentalist 3	Planned	1.00	10	29,627
	Environmentalist 2	S. Cross	1.00	12	30,681
	Hydrogeologist 3	C. Cline	1.00	12	41,238
11/5/90	Env. Engineer 2	R. Hibbard	1.00	12	38,300
	CIC 2	J. Denkers	1.00	12	36,443
HANFORD SECTION POLICY & TECHNICAL SUPPORT UNIT					
Temporary	Env. Planner 3	G. Hughes	.50	6	10,310
1/1/91	Env. Planner 3	Planned	.50	10	17,183
1/1/91	Env. Planner 3	Planned	.50	10	17,183
1/1/91	Env. Planner 3	Planned	.50	10	17,183
1/1/91	Environmentalist 3	Planned	.50	10	14,813
1/1/91	Environmentalist 2	Planned	.50	10	12,784
PROGRAM SUPPORT SECTION					
1/1/91	Environmentalist 5	Planned	.40	10	15,175
	Cont. Specialist 3	K. Journey	.40	12	16,093
	Cont. Specialist 2	J. Swanberg	.40	12	13,885
	Cont. Specialist 1	L. Boblet	.40	12	11,967
	Env. Planner 2	R. Kirkwood	.40	12	14,221
1/1/91	CIC 1	Planned	.20	10	3,929
1/1/91	Fiscal Tech Acctg.	Planned	.50	10	8,405
1/1/91	Secretary 1	Planned	.40	10	7,517
1/1/91	Clerk Typist 3	Planned	.40	10	7,348
	Clerk Typist 2	S. Lewis	.40	12	8,263
PROGRAM MANAGEMENT					
	Asst. Director	T. Husseman	.20	12	12,244
	Program Mgr.	R. Stanley	.30	12	16,642
	Admin. Asst. 3	H. Thurston	.20	12	4,925
	Secretary 1	L. McClaflin	.30	12	6,766
	Environmentalist 5	M. Power	.30	12	12,371
	Perf. Assess. Mgr.	D. Provost	.10	12	<u>5,547</u>

TOTAL HEADQUARTERS PERSONNEL COSTS \$538,327

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CERCLA Personnel Costs - FY 91
Page 2

Kennewick Office

<u>Hire Date</u>	<u>Position Title</u>	<u>Incumbent</u>	<u>% of FTE</u>	<u>No. Mo.</u>	<u>Cost</u>
KENNEWICK OFFICE MANAGEMENT & SUPPORT					
	Environmentalist 5	G. Rothwell	.50	12	22,763
1/1/91	Env. Planner 3	Planned	.50	10	17,183
1/1/91	Environmentalist 2	Planned	.50	10	12,784
	Clerk Typist 3	J. Kinmark	.50	12	11,022
3/1/91	Clerk Typist 2	Planned	.50	8	6,889
HANFORD SECTION CERCLA UNIT					
1/1/91	Environmentalist 4	Planned	1.00	10	34,365
	Environmentalist 3	M. Osweiler	1.00	12	35,552
1/1/91	Environmentalist 4	Planned	1.00	10	34,365
1/1/91	Environmentalist 3	Planned	1.00	10	<u>29,627</u>
TOTAL KENNEWICK PERSONNEL COSTS					\$204,550
GRAND TOTAL PERSONNEL COSTS					742,877
BENEFITS (25% OF SALARIES)					185,719
INDIRECT (48.2% OF SALARIES)					<u>358,067</u>
TOTAL PERSONNEL COSTS					\$1,286,663
TOTAL FTE					23.05

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CERCLA TRAVEL COSTS

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CERCLA FEDERAL ASSISTANCE - FY 91 TRAVEL COSTS

IN-STATE TRAVEL

Headquarters

<u>Hire Date</u>	<u>Position Title</u>	<u>Incumbent</u>	<u>Rd Trips</u> <u>Per Year</u>	<u>Fare/Trip</u> <u>\$208 ea.</u>	<u>Car Rent</u> <u>\$32/Day</u>	<u>Subsistence</u> <u>\$ 26/Day</u>	<u>Per Deim</u> <u>\$66/Day</u>	<u>Total</u>
HANFORD SECTION MGMT/CLERICAL								
	Environmentalist 5	T. Nord	12	2,496	480	234	198	3,408
	Clerk Typist 3	D. Baldonado						
	Clerk Typist 3	J. Pierce						
	Pub. Info. Officer 1	A. Beers	2	416	64	52	0	532
1/1/91	Pub. Info. Officer 2	Planned	7	1,456	288	130	132	2,006
HANFORD SECTION CERCLA UNIT								
	Environmentalist 4	L. Goldstein	25	5,200	992	494	396	7,082
1/1/91	Environmentalist 3	Planned	18	3,744	736	338	330	5,148
	Environmentalist 2	S. Cross	16	3,328	640	312	264	4,544
	Hydrogeologist 3	C. Cline	25	5,200	992	494	396	7,082
11/5/90	Env. Engineer 2	R. Hibbard	12	2,496	480	234	198	3,408
	CIC 2	J. Denkers	20	4,160	800	390	330	5,680
HANFORD SECTION POLICY & TECHNICAL SUPPORT UNIT								
Temporary	Env. Planner 3	G. Hughes	4	832	160	78	66	1,136
1/1/91	Env. Planner 3	Planned	5	1,040	192	104	66	1,402
1/1/91	Env. Planner 3	Planned	5	1,040	192	104	66	1,402
1/1/91	Env. Planner 3	Planned	5	1,040	192	104	66	1,402
1/1/91	Environmentalist 3	Planned	7	1,456	288	130	132	2,006
1/1/91	Environmentalist 2	Planned	5	1,040	192	104	66	1,402
PROGRAM MANAGEMENT								
	Asst. Director	T. Husseman	2	416	64	52	0	532
	Program Mgr.	R. Stanley	5	1,040	160	130	0	1,330
	Admin. Asst. 3	H. Thurston						
	Secretary 1	L. McClafin	1	208	32	26	0	266
	Environmentalist 5	M. Power	4	832	160	78	66	1,136
	Perf. Assess. Mgr.	D. Provost	2	416	64	52	0	532

TOTAL HEADQUARTERS TRAVEL COSTS \$51,436

CERCLA Travel Costs - FY 91

Page 2

Kennewick Office

<u>Hire Date</u>	<u>Position Title</u>	<u>Incumbent</u>	<u>Rd Trips</u> <u>Per Year</u>	<u>Fare/Trip</u> <u>\$208 ea.</u>	<u>Car Rent</u> <u>\$32/Day</u>	<u>Subsistence</u> <u>\$ 26/Day</u>	<u>Per Deim</u> <u>\$66/Day</u>	<u>Total</u>	
KENNEWICK OFFICE MANAGEMENT & SUPPORT									
	Environmentalist 5	G. Rothwell	7	1,456	288	130	132	2,006	
1/1/91	Env. Planner 3	Planned	6	1,248	224	130	66	1,668	
1/1/91	Environmentalist 2	Planned	6	1,248	224	130	66	1,668	
	Clerk Typist 3	J. Kinmark	1	208	32	26	0	266	
3/1/91	Clerk Typist 2	Planned							
HANFORD SECTION CERCLA UNIT									
1/1/91	Environmentalist 4	Planned	15	3,120	608	286	264	4,278	
	Environmentalist 3	M. Osweiler	12	2,496	480	234	198	3,408	
1/1/91	Environmentalist 4	Planned	15	3,120	608	286	264	4,278	
1/1/91	Environmentalist 3	Planned							
TOTAL KENNEWICK TRAVEL COSTS								\$17,572	
TOTAL IN-STATE TRAVEL								69,008	
OUT-OF-STATE TRAVEL									
Meetings, Conferences, Seminars, Training 17 trips per year @ \$1,664 = \$28,288								TOTAL OUT-OF-STATE TRAVEL	<u>28,288</u>
GRAND TOTAL TRAVEL COSTS								\$97,296	

NOTE: twenty-five percent of all trips were estimated to be overnight stays.
For each overnight trip, car rental is calculated for two days.

ENCLOSURE 3

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HANFORD SECTION POLICY AND TECHNICAL SUPPORT UNIT
ACTIVITY DESCRIPTION

Purpose

The Hanford Section Policy and Technical Support Unit will enable the Nuclear and Mixed Waste Program to carry out its commitments under the Tri-Party Agreement. Specific areas include, but are not limited to:

- o Regulatory development and analysis relating to all Federal and state applicable laws and regulations. Fee regulations must be developed to for state oversight site activities. This activity will involve considerable public involvement, research, economic analysis, and discussion with affected parties.

Current regulations must be evaluated, augmented and/or modified to address mixed waste issues. Current and proposed Federal regulations must be evaluated, commented on, and analyzed to determine there impact on Hanford activities. Specific policies will need to be developed to meld current activities with statutory requirements. This will involve legal analyses, negotiations with USDOE, discussions with interested parties, and, potential drafting and signing of agreements.

FTE planned for this group of activities is 1.5

- o TPA research and policy development. Numerous issues arise associated with the TPA which require significant amounts of research to resolve. This unit would research and review regulatory and technical information related to a particular issue and develop policies and/or guidance for its implementation by line staff.

FTE planned for this group of activities is 0.5

- o SEPA/NEPA/OTHER coordination, documentation and analysis. Each permit, closure plan, and ROD must involve SEPA. SEPA activities will include requesting additional information form USDOE, coordinating issuance of SEPA documentation such as checklists, public meetings, and discussions with interested parties. If necessary, coordinating scoping meetings, contractor assistance, and EIS development.

NEPA activities will include analyses of Memorandum-To-Files, reviewing and coordinating comments on USDOE EISs, provide comments at scoping meetings, and participating to the extent practical, in NEPA EIS development, e.g. PUREX, Tanks, PEIS, etc. The land use issue will also be dealt with, in part, in this unit.

FTE planned for this group of activities is 1. This is in addition to the 0.6 FTE for with Max Power. Max is the lead on the land use issue for Ecology. See CERCLA and RCRA personnel costs.

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- o USDOE HQ and RL budget tracking/staff support for RCRA and CERCLA line staff. This activity will involve tracking USDOE budget submittals, 5 Year Plans, ADSs, and following USDOE internal budgetary procedures and review cycles. Additionally, economic and financial expertise will be provided to RCRA and CERCLA line staff on a as needed basis.

FTE planned for this group of activities is 1

- o Coordination of RCRA and CERCLA activities. Policy and guidance will be developed for reconciliation of governing laws and regulations and technical issues associated with coordinating CERCLA and RCRA activities. The Past Practice Strategy development and implementation will be dealt with here.

FTE planned for this group of activities is 1.25

- o TPA Updates and related administrative functions. Identification and resolution of TPA updates will occur in this unit.

FTE planned for this activity will be limited to 0.25

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		VW Hall	B2-15	X
		WL Johnson	H4-55	X
		K Parnell	H4-18	X
		JL Waite	B2-35	X
		TB Veneziano	B2-35	X
		SA Wiegman	B2-19	X
		TM Wintczak	B2-15	X
		RD Wojtasek	B2-15	X
		CJ Geier	H4-57	X
		LL Powers	B2-35	X
		SM Price	H4-57	X
		FA Ruck, III	H4-57	X
		EDMC	H4-22	X
		TPAI File (DH)	B2-35	X

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