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**EXECUTIVE SUMMARY FOR U. S. DOE FERNALD GRANT/COST
RECOVERY FFY 1994-1998**

06/26/95

OEPA
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INVOICE

DOE-FN

- 6952



State of Ohio Environmental Protection Agency

FERNALD
I-2574

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JUN 2 2 02 PM '95

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FILE
LIST

M E M O R A N D U M

TO: JOHN BROWN, DEPT. OF ENERGY/FERNALD
FROM: PAT CAMPBELL, OHIO EPA/DERR
SUBJECT: USDOE FERNALD GRANT
DATE: MAY 26, 1995

The information you requested is attached. If you have any questions give me a call (614/644-2314).

Thanks.

**EXECUTIVE SUMMARY for
U.S. D.O.E. FERNALD GRANT /
COST RECOVERY FFY 1994-1998**

**COST PER YEAR AND COST PER ITEM FOR
FFY 1994-1998**

	1994	1995	1996	1997	1998	TOTAL
PERSONNEL	\$242,167	\$463,453	\$481,993	\$501,269	\$521,322	\$2,210,205
FRINGE	\$65,820	\$106,873	\$111,148	\$115,592	\$120,216	\$519,649
INDIRECT	\$55,654	\$116,347	\$121,001	\$125,840	\$130,873	\$549,715
SUPPLIES	\$29,485	\$40,638	\$40,638	\$40,638	\$40,638	\$192,037
TRAINING	\$22,152	\$40,206	\$45,206	\$45,206	\$45,206	\$197,976
EQUIPMENT	\$288,267	\$89,050	\$48,000	\$78,000	\$68,000	\$571,317
CONTRACT	\$409,941	\$362,866	\$355,556	\$356,478	\$357,437	\$1,842,278
OTHER	\$290,172	\$711,361	\$672,115	\$644,553	\$660,018	\$2,978,219
TOTAL	\$1,403,659	\$1,930,794	\$1,875,657	\$1,907,576	\$1,943,711	\$9,061,396

**EXECUTIVE SUMMARY for
U.S. D.O.E. FERNALD GRANT /
COST RECOVERY FFY 1994-1998**

**COST PER TASK AND COST PER ITEM FOR
FFY 1994-1998**

	PERSONNEL	FRINGE	INDIRECT	SUPPLIES	TRAINING	EQUIPMENT	CONTRACT	OTHER	TOTAL
TASK 1	\$1,029,801	\$241,866	\$256,260	\$96,950	\$128,990	\$113,150	\$1,528,345	\$176,737	\$3,572,099
TASK 2	\$40,648	\$9,903	\$9,931	\$3,340	\$11,090	\$0	\$14,646	\$16,892	\$106,450
TASK 3	\$92,508	\$21,891	\$22,935	\$2,450	\$4,586	\$15,000	\$0	\$21,659	\$181,029
TASK 4	\$231,584	\$53,942	\$57,860	\$20,480	\$12,700	\$422,117	\$195,150	\$405,995	\$1,399,828
TASK 5	\$92,443	\$21,877	\$22,919	\$1,617	\$14,010	\$0	\$0	\$8,811	\$161,677
TASK 6	\$45,495	\$10,766	\$11,280	\$4,800	\$3,500	\$0	\$4,829	\$15,086	\$95,756
TASK 7	\$162,850	\$38,537	\$40,375	\$16,000	\$7,000	\$11,050	\$8,971	\$15,291	\$300,074
TASK 8	\$162,850	\$38,537	\$40,375	\$16,480	\$3,500	\$0	\$10,962	\$33,746	\$306,450
TASK 9	\$48,855	\$11,562	\$12,113	\$4,800	\$0	\$0	\$0	\$2,200	\$79,530
TASK 10	\$161,238	\$37,181	\$40,477	\$12,800	\$2,800	\$0	\$64,900	\$48,455	\$367,851
TASK 11	\$81,425	\$19,269	\$20,188	\$8,320	\$6,300	\$0	\$9,646	\$18,918	\$164,065
TASK 12	\$60,508	\$14,319	\$15,002	\$4,000	\$3,500	\$10,000	\$4,829	\$13,708	\$125,866
TASK 13	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$704,399	\$704,399
TASK 13B	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,496,322	\$1,496,322
TOTAL	\$2,210,205	\$519,650	\$549,715	\$192,037	\$197,976	\$571,317	\$1,842,278	\$2,978,219	\$9,061,396

FERNALD

TASK NO. 1, GENERAL OVERSIGHT

MARCH 1, 1994 TO SEPTEMBER 30, 1998

PROGRAM: EMERGENCY AND REMEDIAL RESPONSE

TASK NARRATIVE:

- o Coordination of the activities of the Ohio EPA and other state agencies with regard to Environmental Restoration, Corrective Actions, Waste Management and Multi-Media Environmental Monitoring activities. Provide expertise in regards to review comments and assessment of investigatory data, reports, risk assessments, ecological risk assessments, feasibility studies, interim actions and final remedial actions. Provide expertise in regards to engineering remedial design, research, review, and distribute information regarding treatability studies, and pertinent technologies to DOE facilities.
- o Maintain logging, distribution of documents, records, and schedules associated with the Ohio EPA's involvement with the facilities. Responsible for typing of comprehensive analytical reports of DOE operations and requested quarterly reports, database inventory, copying and providing the maintenance and oversight of microfilming support for DOE documents and related correspondence.
- o Coordinating of assessing and reporting the technical progress of the AIP environmental tasks, specifically; the Environmental restoration, Corrective Actions and multi media environmental monitoring activities. Will provide coordination between risk assessments, ecological risk assessments, feasibility studies, interim actions, and final remedial actions. Will prepare synopsis of technical accomplishments for quarterly reports.

TASK 1, General Oversight
SALARY

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	Annual SALARY	*1994 SALARY	*1995 SALARY	*1996 SALARY	*1997 SALARY	*1998 SALARY	TOTAL SALARY
Environ. Asst. Adm.	Environ. Assist. Adm.	25%	520	\$60,486	\$11,039	\$15,122	\$15,727	\$16,356	\$17,010	\$75,254
Environ. Super.	Environ. Super.	75%	1,560	\$39,458	\$21,603	\$29,594	\$30,778	\$32,009	\$33,289	\$147,273
Environ Spec. II	Risk Assess. Coord.	47%	978	\$30,472	\$10,455	\$14,322	\$14,895	\$15,491	\$16,111	\$71,274
Environ Spec. II	Project MNGR/Site	200%	4,160	\$30,472	\$44,489	\$60,944	\$63,382	\$65,917	\$68,554	\$303,286
Environ Spec. II	Health Physicist	30%	624	\$30,472	\$6,673	\$9,142	\$9,508	\$9,888	\$10,284	\$45,495
Environ Spec. II	RD/RA Coord	15%	312	\$30,472	\$3,337	\$4,571	\$4,754	\$4,944	\$5,142	\$22,748
Environ. Super.	Unit Supervisor	25%	520	\$39,458	\$5,561	\$9,865	\$10,260	\$10,670	\$11,097	\$47,453
Records MGR	Records MGR	60%	1,248	\$21,923	\$9,602	\$13,154	\$13,680	\$14,227	\$14,796	\$65,459
Office Assistant	General Clerical	32%	666	\$21,112	\$4,932	\$6,756	\$7,026	\$7,307	\$7,599	\$33,620
Environ Spec. II	Prog. Issue. Coord.	10%	208	\$30,472	\$2,224	\$3,047	\$3,169	\$3,296	\$3,428	\$15,164
Environ Spec. II	Environ. Mon. Coord.	50%	1,040	\$35,069	\$12,800	\$17,535	\$18,236	\$18,965	\$19,724	\$87,260
Attorney	Attorney	25%	520	\$27,851	\$5,083	\$6,963	\$7,242	\$7,532	\$7,833	\$34,653
Admin. Assist.	Admin. Assist.	30%	624	\$25,729	\$5,635	\$7,719	\$8,028	\$8,349	\$8,683	\$38,414
Co-Op	Co-Op	100%	2,080	\$18,658	\$13,620	\$18,658	\$19,404	\$20,180	\$20,987	\$92,849
Totals					\$106,652	\$217,392	\$226,089	\$235,131	\$244,537	\$1,029,801

*Years were changed to match award date of Federal Fiscal Year

	*1994	*1995	*1996	*1997	*1998	TOTAL
FRINGE	\$28,988	\$50,131	\$52,136	\$54,221	\$56,390	\$241,866
INDIRECT	\$24,510	\$54,575	\$56,758	\$59,028	\$61,389	\$256,260
SUPPLIES	\$16,478	\$20,118	\$20,118	\$20,118	\$20,118	\$96,950
TRAVEL TRAINING	\$10,798	\$25,798	\$30,798	\$30,798	\$30,798	\$128,990
EQUIPMENT	\$26,150	\$47,000	\$10,000	\$20,000	\$10,000	\$113,150
CONTRACT	\$287,357	\$309,649	\$310,039	\$310,441	\$310,859	\$1,528,345
OTHER	\$30,058	\$33,358	\$36,523	\$37,751	\$39,047	\$176,737
GRAND TOTAL	\$530,991	\$758,021	\$742,461	\$767,488	\$773,138	\$3,572,099

Salaries for year one have been adjusted to actual salary of portion with the exception of Unit Supervisor who has not yet been hired. The fringe rate has been adjusted for years two, three, four, five to reflect the Office of Federal Facility average. Again year one remains the same.

The addition of .25 FTE for a staff attorney to support cost recovery activities at the DOE FEMP site would allow us to provide more efficient document reviews and other services. Additionally, this would reduce the burden upon the DERR staff attorneys who are obviously overworked.

The proposed attorney would provide timely review of Records of Decision and Proposed Plans during signoff procedures. The attorney would participate in Natural Resource Damage Assessment negotiations which are on-going. The attorney would assist in access agreement development, which may be needed to support sampling activities. The attorney would participate in RCRA/CERCLA integration under Director's Findings and Orders currently being negotiated. The attorney could participate in renegotiation of Consent Agreement milestones. The attorney could review MOUs and contracts as needed. Creation of this position to support our activities at the DOE FEMP site would enable us to provide a better product to DOE and the citizens of Ohio.

The Fernald group in the Office of Federal Facility (OFFO) would employ a co-op to help with the duties of sampling activities. The responsibilities would include assisting with: laboratory coordination of sampling events and analyses, collection of samples, packaging and shipping of samples, decontamination of equipment, inventory of sampling supplies, and oversight of DOE contractors' field activities.

The co-op would also help with duties involving the bioassay program. The co-op would free up the Environmental Monitoring Coordinator to complete more complicated job duties such as program coordination and development of the sampling and analysis plan. This position will be funded under the Cost Recovery Grant (CRG). This would likely involve one year round position, requiring alternating students by semester/quarter.

TASK NO. 4, ENVIRONMENTAL DATA MANAGEMENT

MARCH 1, 1994 TO SEPTEMBER 30, 1998

PROGRAM: EMERGENCY AND REMEDIAL RESPONSE

TASK NARRATIVE:

- o Develop and interpret technical information related to Intergraph with specified emphasis on application to the investigation and remediation of hazardous waste sites.
- o Edit, maintain and manipulate environmental data within the Intergraph system to determine the nature and extent of contamination.
- o Collect background environmental data and evaluate DOE's environmental data and identify any additional system needs required to allow efficient state utilization of data.

TASK 4, Environmental Data Management
SALARY

POSITION/CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	Annual SALARY	*1994 SALARY	*1995 SALARY	*1996 SALARY	*1997 SALARY	*1998 SALARY	TOTAL SALARY
GIS Spec.	GIS Spec. SWDO	70%	416	\$30,472	\$15,571	\$21,330	\$22,183	\$23,070	\$23,993	\$106,147
GIS Spec.	GIS Spec. CO	40%	832	\$30,472	\$8,898	\$12,189	\$12,677	\$13,184	\$13,711	\$60,659
Data MGR	Data MGR	45%	936	\$39,853	\$13,092	\$17,934	\$18,651	\$19,397	\$20,173	\$89,247
Totals					\$13,092	\$51,453	\$53,511	\$55,651	\$57,877	\$231,584

	*1994	*1995	*1996	*1997	*1998	TOTAL
FRINGE	\$3,558	\$11,865	\$12,340	\$12,833	\$13,346	\$53,942
INDIRECT	\$3,009	\$12,917	\$13,434	\$13,971	\$14,529	\$57,860
SUPPLIES	\$140	\$5,085	\$5,085	\$5,085	\$5,085	\$20,480
TRAVEL	\$700	\$3,000	\$3,000	\$3,000	\$3,000	\$12,700
EQUIPMENT	\$260,117	\$23,000	\$33,000	\$53,000	\$53,000	\$422,117
CONTRACT	\$112,000	\$26,942	\$18,736	\$18,736	\$18,736	\$195,150
OTHER	\$32,259	\$74,912	\$95,000	\$99,532	\$104,292	\$405,995
GRAND TOTAL	\$424,875	\$209,174	\$234,106	\$261,808	\$269,865	\$1,399,828

* Years were changed to match award date of Federal Fiscal Year

TASK NO. 13, DOE FACILITIES LABORATORY MONITORING DATA

MARCH 1, 1994 TO SEPTEMBER 30, 1998

PROGRAM: OHIO DEPARTMENT OF HEALTH

TASK NARRATIVE:

- o Health Physics Oversight: The Ohio Department of Health will Provide Health Physics support on Risk Assessment of a site characterization and remediation activities and coordinate with Ohio EPA in the evaluation of related environmental monitoring systems.

FERNALD Ohio Physics Oversight

	FTE	TOTALS
Personnel	8.00	\$489,246
Indirect		\$157,735
Operating		\$53,201 (5 Yr Total)

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	Annual SALARY	FTE % Used					TOTAL SALARY
					42%	39%	35%	35%	35%	
Prog. Admin. I	Prog. Admin. I	50%	1,040	\$41,469	\$6,410	\$7,983	\$7,472	\$7,771	\$8,082	\$37,718
Health Physics Sup	Health Physics Sup	50%	1,040	\$37,870	\$0	\$7,290	\$6,823	\$7,096	\$7,380	\$28,589
Admin. Assistant	Admin. Assistant	50%	1,040	\$25,958	\$4,013	\$4,997	\$4,677	\$4,864	\$5,059	\$23,610
Health Physicist III	Health Physicist	100%	2,080	\$33,798	\$10,449	\$13,012	\$12,179	\$12,667	\$13,173	\$61,480
Health Physicist III	Health Physicist	100%	2,080	\$33,798	\$0	\$13,012	\$12,179	\$12,667	\$13,173	\$51,031
Health Physicist II	Health Physicist	100%	2,080	\$28,165	\$8,707	\$10,844	\$10,150	\$10,556	\$10,978	\$51,235
Health Physicist I	Health Physicist	100%	2,080	\$26,020	\$0	\$10,018	\$9,377	\$9,752	\$10,142	\$39,289
Secretary	Secretary	100%	2,080	\$21,278	\$0	\$8,192	\$7,668	\$7,974	\$8,293	\$32,127
Secretary	Secretary	50%	1,040	\$21,278	\$3,289	\$4,096	\$3,834	\$3,987	\$4,147	\$19,353
Word Processor	Word Processor	100%	2,080	\$21,278	\$6,578	\$8,192	\$7,668	\$7,974	\$8,293	\$38,705
FRINGE					\$11,834	\$24,039	\$22,500	\$23,400	\$24,336	\$106,109
TOTAL PERSONNEL					\$51,280	\$111,675	\$104,527	\$108,708	\$113,056	\$489,246
INDIRECT					\$18,461	\$35,513	\$33,240	\$34,569	\$35,952	\$157,735
TOTAL					\$69,741	\$147,188	\$137,767	\$143,277	\$149,008	\$646,981

Contractual: \$4,218

Medical
Monitoring

Years	1	2	3	4	5	Total
	\$846	\$843	\$843	\$843	\$843	\$4,218

FERNALD Ohio Environmental Monitoring Oversight

	FTE	TOTALS
Personnel	7.00	\$424,216
Indirect		\$137,055
Operating		\$45,752 (5 Yr Total)

POSITION/ CLASS	WORKING TITLE	FTE'S %	FTE'S Hours	Annual SALARY	FTE % Used					TOTAL SALARY
					42%	39%	35%	35%	35%	
Prog. Admin. I	Prog. Admin. I	50%	1,040	\$41,469	\$6,410	\$7,983	\$7,472	\$7,771	\$8,082	\$37,718
Health Physics Sup	Health Physics Sup	50%	1,040	\$37,870	\$0	\$7,290	\$6,823	\$7,096	\$7,380	\$28,589
Admin. Assistant	Admin. Assistant	50%	1,040	\$25,958	\$4,013	\$4,997	\$4,677	\$4,864	\$5,059	\$23,610
Health Physicst III	Health Physicst	100%	2,080	\$33,798	\$10,449	\$13,012	\$12,179	\$12,667	\$13,173	\$61,480
Health Physicst II	Health Physicst	100%	2,080	\$28,165	\$8,707	\$10,844	\$10,150	\$10,556	\$10,978	\$51,235
Health Physicst I	Health Physicst	100%	2,080	\$26,020	\$0	\$10,018	\$9,377	\$9,752	\$10,142	\$39,289
Secretary	Secretary	100%	2,080	\$21,278	\$0	\$8,192	\$7,668	\$7,974	\$8,293	\$32,127
Secretary	Secretary	50%	1,040	\$21,278	\$3,289	\$4,096	\$3,834	\$3,987	\$4,147	\$19,353
Word Processor	Word Processor	100%	2,080	\$21,278	\$6,578	\$8,192	\$7,668	\$7,974	\$8,293	\$38,705
FRINGE					\$11,834	\$20,469	\$19,159	\$19,925	\$20,723	\$92,110
TOTAL PERSONNEL					\$51,280	\$95,093	\$89,007	\$92,566	\$96,270	\$424,216
INDIRECT					\$18,461	\$30,240	\$28,304	\$29,436	\$30,614	\$137,055
TOTAL					\$69,741	\$125,333	\$117,311	\$122,002	\$126,884	\$561,271

Contractual: \$889,301

Medical
Monitoring

Years	1	2	3	4	5	Total
	\$1,449	\$1,318	\$1,186	\$1,186	\$1,186	\$6,325

RAD Analysis

Years	1	2	3	4	5	Total
	\$42,350	\$271,198	\$220,048	\$175,749	\$173,631	\$882,976

NOTE: Under Ohio State's Accounting Systems expenditures made to another state agency are charged and budgeted in other. This proposal reflects the same.

Currently the Ohio Department of Health is in the process of hiring personnel for their Radiological Environmental Monitoring and Health Physics oversight efforts. As in any federal, state, or local government, the process is very slow to start a new program or modify an existing one.

The Ohio Department of Health has incurred some costs for year one (7-1 through 9-94) of approximately 37,284.00, we are waiting for an invoice for verification and payment. Since the invoice hasn't been received yet, we are keeping year one and all years the same, with the exception of the Ohio Department indirect rate which changed and became effective 7-1-94 (31.8%) and their fringe rate which is 27.43%, all other factors will remain the same.

Currently they are working on projected lapse funds being moved to years three, four, and five with year two remaining the same.

When year one is finalized then their unused funds for year one will be calculated and moved to out years by revision. This shouldn't change the five year negotiated dollars in total just redistribute to out years.

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