

HOECHST CELANESE CORPORATION
TECHNICAL CENTER
Corpus Christi, Texas

To: R. R. Miano - Chatham October 27, 1987
From: R. J. H. Voorhoeve RJHV-495-87

RFA 345-756: Durel® Project Decommissioning

Capital	\$ 0
Expense	\$249,700
Total	\$249,700

Expense funds of \$249,700 are requested by the Polyarylate Department to decommission and dismantle the Durel® polymer pilot plant, pellet blending facility, and laboratory at CCTC.

The decommissioning includes decontaminating and dismantling the polymer pilot plant, pellet blending facility, and laboratories associated with the Durel® project. The dismantled equipment will be made available for use within the Company. The monomer pilot plant will be maintained and associated utilities will be decontaminated and mothballed in place until a decision is made regarding its disposition. The Advanced Technology Company is currently assessing the potential business opportunity for the ester diphenyl isophthalate. If a decision is made to decommission and dismantle the monomer pilot plant with site restoration, a separate expense RFA of approximately \$250,000 will be required.

This project is a consequence of the decision to consolidate the Durel® development effort at the R. L. Mitchell Technical Center (RLMTC) in Summit, NJ. The CCTC facilities need to be cleared and made safe, as described above, for future use by other occupants.

The expense associated with this project will not cause an overrun in the 1987 expense budget for the Durel® program at this facility.

No additional headcount is required by this project.

The decommissioning will be consistent with CCTC Safety, Health, and Environmental policies and practices. All waste materials such as contaminated insulation, waste products, samples, etc. will be disposed of in accordance with site

"QUALITY AND TEAMWORK" - A WINNING COMBINATION

007201

IMATE SHEET

TITLE: DUREL PILOT PLANT DECOMMISSIONING

PROJECT NO.: 345-756

DATE: 10/30/87

D. H. STARR

LOCATION: TECH CENTER

DESCRIPTION	CAPITAL \$M		EXPENSE \$M	
	MAT'L	LABOR	MAT'L	LABOR
200 SITE IMPROVEMENT	\$0	\$0	\$0	\$0
300 BUILDINGS				\$5,800
400 EQUIPMENT			\$3,000	\$24,600
401 INSULATION/PAINT			\$2,000	\$9,000
402 PIPING				\$14,400
403 INSTRUMENTS				\$7,700
404 ELECTRICAL				\$7,700
407 OTHER CIVIL				\$11,500
WASTE DISPOSAL			\$102,600	\$2,900
SALES TAX			\$8,600	
SUBTOTALS	\$0	\$0	\$116,200	\$83,600
	\$0	<-----	\$83,600	<-----
TOTALS	\$0		\$199,800	
CONTINGENCY	\$0		\$49,900	
TOTALS	\$0		\$249,700	
	\$249,700	<-----		
TOTAL FUNDS	\$249,700			

007202

RJHV-495-87

-2-

October 27, 1987

procedures. Waste streams associated with Durel[®] piloting will be eliminated by this project.

I recommend approval of the subject RFA.



R. J. H. Voorhoeve

/js

007203

ESTIMATE SHEET

PROJECT: DUREL PILOT PLANT DECOMMISSIONING

ENGINEER: DHS

DATE: 10-16-87

#	DESCRIPTION	\$/UNIT MH/UNIT	M/L	CAPITAL		EXPENSE	
				MAT'L	LABOR	MAT'L	LABOR
----	-----	-----	-----	-----	-----	-----	-----
	MONOMER INSULATION REMOVAL	2000.00	M	0	0	2,000	0
	15% OF INSTALLATION MH	700.0	L				12,600
----	-----	-----	-----	-----	-----	-----	-----
	MONOMER PIPING REMOVAL	0.00	M				
	10% OF INSTALLATION MH	1600.0	L				28,800
----	-----	-----	-----	-----	-----	-----	-----
	MONOMER INSTRUMENT DECOMM.	0.00	M				
	15% OF INSTALLATION MH	500.0	L				12,000
----	-----	-----	-----	-----	-----	-----	-----
	MONOMER ELECTRICAL DECOMM	0.00	M				
	10% OF INSTALLATION MH	250.0	L				6,000
----	-----	-----	-----	-----	-----	-----	-----
	MONOMER EQUIPMENT CLEANING	0.00	M			3,000	
	3 MEN 2 WKS	240.0	L				4,400
----	-----	-----	-----	-----	-----	-----	-----
	POLYMER INSULATION	2000.00	M			2,000	
	6 MEN 2 WKS	500.0	L				9,000
----	-----	-----	-----	-----	-----	-----	-----
	POLYMER PIPING	0.00	M				
	10 MEN 2 WKS	800.0	L				14,400
----	-----	-----	-----	-----	-----	-----	-----
	POLYMER INSTRUMENTS	0.00	M				
	4 MEN 2 WKS	320.0	L				7,700
----	-----	-----	-----	-----	-----	-----	-----
	POLYMER ELECTRICAL	0.00	M				
	4 MEN 2 WKS	320.0	L				7,700
----	-----	-----	-----	-----	-----	-----	-----
	POLYMER EQUIPMENT	0.00	M				
	5 MEN 2 WKS	400.0	L				7,200
----	-----	-----	-----	-----	-----	-----	-----
	SUPPORTS & BLDG REMOVAL	0.00	M				
	4 MEN 2 WKS	320.0	L				5,800
----	-----	-----	-----	-----	-----	-----	-----
	POLYMER EQUIPMENT CLEANING	2000.00	M			3,000	
	3 MEN 2 WKS	240.0	L				4,400
----	-----	-----	-----	-----	-----	-----	-----
	MISC SITE CLEAN UP	0.00	M				
	4 MEN 4 WKS	640.0	L				11,500
----	-----	-----	-----	-----	-----	-----	-----
	DEMO BLENDER	0.00	M				
	4 MEN 2 WK	320.0	L				5,800
----	-----	-----	-----	-----	-----	-----	-----
	DEMO MICRO UNIT/LAB EQUIP	0.00	M				
	1 MAN 2 WKS	80.0	L				1,500
----	-----	-----	-----	-----	-----	-----	-----
	SALES TAX					700	
----	-----	-----	-----	-----	-----	-----	-----
	CONTINGENCY 25%			0	0	2,700	34,600
----	-----	-----	-----	-----	-----	-----	-----
	TOTALS			0	0	13,400	173,400
----	-----	-----	-----	-----	-----	-----	-----
	TOTAL FUNDS						\$186,800

007204

ESTIMATE SHEET

PROJECT: DUREL MONOMER PILOT PLANT DEMOLITION

ENGINEER: DHS

DATE: 11-3-87

#	DESCRIPTION	\$ / UNIT MH / UNIT	M / L	CAPITAL		EXPENSE	
				MAT'L	LABOR	MAT'L	LABOR
	MONOMER INSULATION REMOVAL	2000.00	M	0		2,000	
	15% OF INSTALLATION MH	700.0	L		0		12,600
	MONOMER PIPING REMOVAL	0.00	M	0			
	15% OF INSTALLATION MH	2400.0	L		0		43,200
	MONOMER INSTRUMENT REMOVAL	0.00	M				
	15% OF INSTALLATION MH	525.0	L				12,600
	MONOMER ELECTRICAL REMOVAL	0.00	M				
	15% OF INSTALLATION MH	375.0	L				9,000
	MONOMER EQUIPMENT REMOVAL	0.00	M			4,000	
	8 MEN 2 WKS	640.0	L				11,600
	MISC SUPPORTS/STRUCTURE	0.00	M				
	4 MEN 2 WKS	320.0	L				5,800
	MISC SITE CLEAN UP	3000.00	M			3,000	
	6 MEN 4 WKS	960.0	L				17,300
	WASTE DISPOSAL	35.0M	M			35,000	
	2 MEN 2 WKS	160.0	L				2,900
	SALES TAX					3600	
	CONTINGENCY 25%			0	0	11,900	28,800
	TOTALS			0	0	59,500	143,800
	TOTAL FUNDS						\$203,300

007205

ESTIMATE SHEET

PROJECT: DUREL PILOT PLANT DECOMMISSIONING

ENGINEER: DHS

DATE: 10-16-87

#	DESCRIPTION	\$ / UNIT MH / UNIT	M / L	CAPITAL		EXPENSE	
				MAT'L	LABOR	MAT'L	LABOR
	MONOMER INSULATION REMOVAL	2000.00	M	0	0	2,000	0
	15% OF INSTALLATION MH	700.0	L				12,600
	MONOMER PIPING REMOVAL	0.00	M				
	10% OF INSTALLATION MH	1600.0	L				28,800
	MONOMER INSTRUMENT DECOMM.	0.00	M				
	15% OF INSTALLATION MH	500.0	L				12,000
	MONOMER ELECTRICAL DECOMM	0.00	M				
	10% OF INSTALLATION MH	250.0	L				6,000
	MONOMER EQUIPMENT CLEANING	0.00	M			3,000	
	3 MEN 2 WKS	240.0	L				4,400
	POLYMER INSULATION	2000.00	M			2,000	
	6 MEN 2 WKS	500.0	L				9,000
	POLYMER PIPING	0.00	M				
	10 MEN 2 WKS	800.0	L				14,400
	POLYMER INSTRUMENTS	0.00	M				
	4 MEN 2 WKS	320.0	L				7,700
	POLYMER ELECTRICAL	0.00	M				
	4 MEN 2 WKS	320.0	L				7,700
	POLYMER EQUIPMENT	0.00	M				
	5 MEN 2 WKS	400.0	L				7,200
	SUPPORTS & BLDG REMOVAL	0.00	M				
	4 MEN 2 WKS	320.0	L				5,800
	POLYMER EQUIPMENT CLEANING	2000.00	M			3,000	
	3 MEN 2 WKS	240.0	L				4,400
	MISC SITE CLEAN UP	0.00	M				
	4 MEN 4 WKS	640.0	L				11,500
	DEMO BLENDER	0.00	M				
	4 MEN 2 WK	320.0	L				5,800
	DEMO MICRO UNIT/LAB EQUIP	0.00	M				
	1 MAN 2 WKS	80.0	L				1,500
	SALES TAX					700	
	CONTINGENCY 25%			0	0	2,700	34,600
	TOTALS			0	0	13,400	173,400
	TOTAL FUNDS						\$186,800

007206

CC: SCH [6]

E -

580

FS
LWH
EEQ
JRK
ERL

REQUEST FOR MAINTENANCE SERVICE

TITLE: CER - POLYMER PILOT PLANT DISMANTLING - INSULATION

W.O. NO.: 80599 DATE ISSUED: 11/20/87 DATE REQUIRED: 12/4/87

LOCATION: PILOT PLANT SLAB

UNIT: POLYMER PILOT PLANT

EQUIPMENT NAME OR NUMBER:

REQUESTED BY: D. STARR PHONE: X-4242 APPROVAL: *PS* DATE: 11/20/87

DESCRIPTION OF WORK

1. REMOVE ALL INSULATION FROM POLYMER PILOT PLANT PIPING, VESSELS, AND EQUIPMENT.
2. BAG INSULATION. DESPOSE OF IN DUMPSTERS OR DRUMS WHEN PROVIDED FOR THIS SERVICE.
3. REINSULATE UTILITIES WHICH REMAIN IN THE UNIT AFTER THE UNIT HAS BEEN WASHED DOWN AND OTHER PIPING, CONDUIT , AND EQUIPMENT REMOVED.

007207